5G Networks

In-buildings (DAS)

Indoor Coverage

RF Connectivity

Wireless Infrastructure

UBCS provides a portfolio of high-performance and reliable "RF connectivity" as well as smart cabling solutions in various wireless infrastructure environments such as base stations, in-buildings, subways, and tunnels where mobile coverage is operated.

Coaxial Connectors, DC ~ 4GHz

7-16 DIN Series

UBCS' connectors address a wide variety of RF application needs from base stations, in-building (DAS), indoor and outdoor networks, testing & measurement.

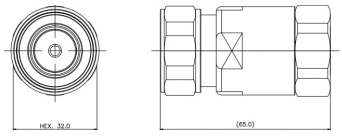
FEATURES / BENEFITS

1. Robust mechanical design
2. Outstanding system characteristics
3. High durability
4. Low PIM

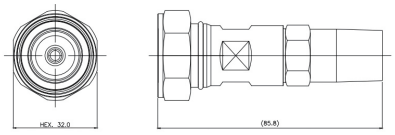
APPLICATIONS

1. 5G Networks
2. Wireless Infrastructure
3. Antenna Systems
4. In-buidling Systems (DAS)
5. Outdoor and Indoor
6. Radios and Filter Output

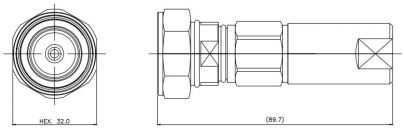
BLOCK DIAGRAM / LINE UP



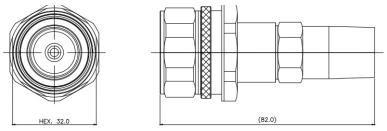
7-16 DIN Male for 7/8" Flexible Coaxial Cable [Straight]



7-16 DIN Male for 1/2" Flexible Coaxial Cable [Straight]



7-16 DIN Male for 1/2" Flexible Coaxial Cable, Smooth Wall Type [Straight]



7-16 DIN Male for 1/2" Flexible Coaxial Cable [Straight, Anti-loosening]

SPECIFICATIONS				
Impedance	50Ω			
Frequency Range Up To	DC ~ 4GHz			
Insertion Loss	-0.05 x √f(GHz) dB			
VSWR	1.2:1 Max.			
PIMD	3rd PIMD	≤ -150 dBc	5th PIMD	≤ -160 dBc
Insulation Resistance	≥ 10GΩ			
Center Contact Resistance	≤ 0.005Ω			
Outer Contact Resistance	≤ 0.01Ω			
Operating Temperature	-40 ℃ ~ +70 ℃			
Humidity	IEC68-2-30			
Vibration	IEC68-2-6			

RF Connectivity - Wireless Infrastructure

Coaxial Connectors, DC ~ 4GHz

N Series

UBCS' connectors address a wide variety of RF application needs from base stations, in-building (DAS), indoor and outdoor networks, testing & measurement.

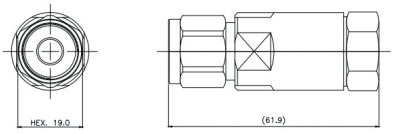
FEATURES / BENEFITS

1. Robust mechanical design
2. Outstanding system characteristics
3. High durability
4. Low PIM

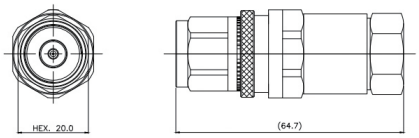
APPLICATIONS

1. 5G Networks
2. Wireless Infrastructure
3. Antenna Systems
4. In-buidling Systems (DAS)
5. Outdoor and Indoor
6. Radios and Filter Output

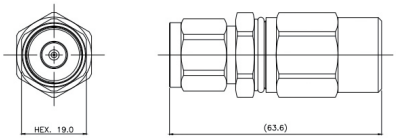
BLOCK DIAGRAM / LINE UP



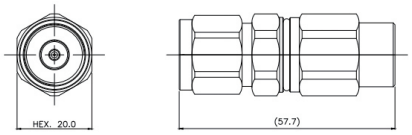
N Male for 1/2" Flexible Coaxial Cable [Straight]



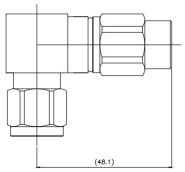
N Male for 1/2" Flexible Coaxial Cable [Straight, Anti-loosening]



N Male for 1/2" Flexible Coaxial Cable, Smooth Wall Type [Straight]



N Male for 2/5" Flexible Coaxial Cable, Smooth Wall Type [Straight]



N Male for 2/5" Flexible Coaxial Cable, Smooth Wall Type [Right Angle]

SPECIFICATIONS

Impedance	50Ω			
Frequency Range Up To	DC ~ 4GHz			
Insertion Loss	-0.05 x √f(GHz) dB			
VSWR	1.2:1 Max.			
PIMD	3rd PIMD	≤ -150 dBc	5th PIMD	≤ -160 dBc
Insulation Resistance	≥ 10GΩ			
Center Contact Resistance	≤ 0.005Ω			
Outer Contact Resistance	≤ 0.01Ω			
Operating Temperature	-40 ℃ ~ +70 ℃			
Humidity	IEC68-2-30			
Vibration	IEC68-2-6			

Coaxial Connectors, DC ~ 4GHz

4.3-10 Series

UBCS' connectors address a wide variety of RF application needs from base stations, in-building (DAS), indoor and outdoor networks, testing & measurement.

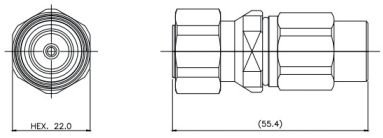
FEATURES / BENEFITS

1. Robust mechanical design
2. Outstanding system characteristics
3. High durability
4. Low PIM

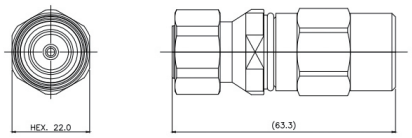
APPLICATIONS

1. 5G Networks
2. Wireless Infrastructure
3. Antenna Systems
4. In-buidling Systems (DAS)
5. Outdoor and Indoor
6. Radios and Filter Output

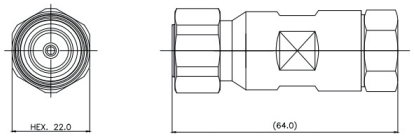
BLOCK DIAGRAM / LINE UP



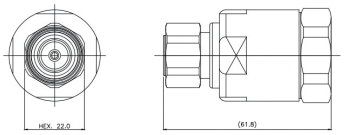
4.3-10 Male for 2/5" Flexible Coaxial Cable, Smooth Wall Type [Straight]



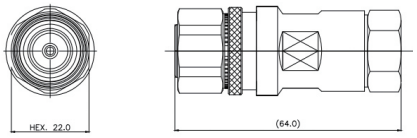
4.3-10 Male for 1/2" Flexible Coaxial Cable, Smooth Wall Type [Straight]



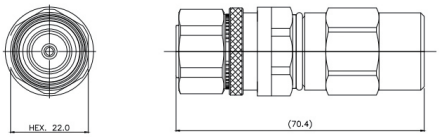
4.3-10 Male for 1/2" Flexible Coaxial Cable [Straight]



4.3-10 Male for 7/8" Flexible Coaxial Cable [Straight]



4.3-10 Male for 1/2" Flexible Coaxial Cable [Straight, Anti-loosening]



4.3-10 Male for 2/5" Flexible Coaxial Cable, Smooth Wall Type [Straight, Anti-loosening]

SPECIFICATIONS

Impedance	50Ω			
Frequency Range Up To	DC ~ 4GHz			
Insertion Loss	-0.05 x √f(GHz) dB			
VSWR	1.2:1 Max.			
PIMD	3rd PIMD	≤ -150 dBc	5th PIMD	≤ -160 dBc
Insulation Resistance	≥ 10GΩ			
Center Contact Resistance	≤ 0.005Ω			
Outer Contact Resistance	≤ 0.01Ω			
Operating Temperature	-40 ℃ ~ +70 ℃			
Humidity	IEC68-2-30			
Vibration	IEC68-2-6			

RF Connectivity - Wireless Infrastructure

Coaxial Cable Assemblies

Jumper & Feeder

UBCS is focusing on developing and manufacturing more efficient cable assemblies considering the user's optimal work and installation environment.

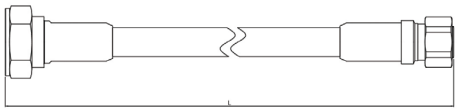
FEATURES / BENEFITS

1. Robust mechanical design
2. Outstanding PIM performance
3. High durability
4. Low VSWR and attenuation

APPLICATIONS

1. 5G Networks
2. Wireless Infrastructure
3. Antenna Systems
4. In-buidling Systems (DAS)
5. Outdoor and Indoor

BLOCK DIAGRAM / LINE UP



7-16 DIN Male - 4.3-10 Male

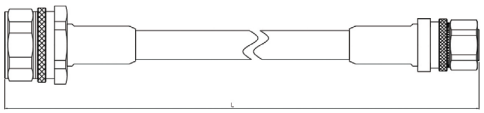
7-16 DIN Male - 7-16 DIN Male

7-16 DIN Male - 7-16 DIN Male_Right Angle

7-16 DIN Male - N Male

N Male - 4.3-10 Male

N Male - N Male



4.3-10 Male - 4.3-10 Male_Anti-Loosening

7-16 DIN Male - 4.3-10 Male_Anti-Loosening

7-16 DIN Male - 7-16 DIN Male_Anti-Loosening

7-16 DIN Male - N Male_Anti-Loosening

N Male - 4.3-10 Male_Anti-Loosening

N Male - N Male_Anti-Loosening

SPECIFICATIONS

Impedance		50Ω
Frequency Range Up To		DC ~ 4GHz
Insertion Loss		[(Cable loss + 0.1) x √f(GHz)] x 1.15
VSWR	DC ~ 2.7 GHz	1.2:1 Max.
	DC ~ 4 GHz	1.3:1 Max.
PIMD	"3rd Order IM Product @2 x 43dBm"	Static: ≤ -160dBc
		Dynamic: ≤ -150dBc
	5rd Order IM Product @2 x 43dBm	Static: ≤ -170dBc
		Dynamic: ≤ -160dBc
Operating Temperature		-40 ℃ ~ +70 ℃
Waterproof (Protection Class)		IP67
Connector Type		Custom

Passive Components

4X4 Combiner, 819-2700MHz, N Female

UBCS' combiner combines RF signals at a certain impedance level. Our products are designed for use in-building or indoor and can be used to provide wireless coverage in base stations, buildings, subways, tunnels, etc.

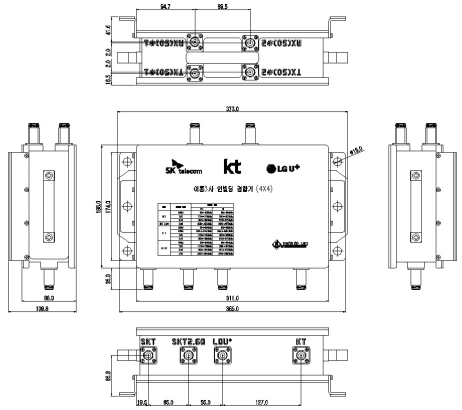
FEATURES / BENEFITS

1. Robust mechanical design
2. Outstanding system characteristics
3. Suitable for in-building (DAS) applications
4. Very low insertion loss

APPLICATIONS

1. 5G Networks
2. Wireless Infrastructure
3. Antenna Systems
4. In-buidling Systems (DAS)
5. Indoor

BLOCK DIAGRAM



SPECIFICATIONS

Impedance		50Ω			
Frequency Range Up To	SK Telecom (Pass Band)	800M		1.8G	2.1G
		824~839MHz 869~884MHz		1715~1735MHz 1810~1830MHz	1940~1960MHz 2130~2150MHz
	KT (Pass Band)	800M	900M	1.8G	2.1G
		814~824MHz 859~869MHz	904.3~914.3MHz 949.3~959.3MHz	1735~1765MHz 1830~1859MHz	1960~1980MHz 2150~2170MHz
	LGU+ (Pass Band)	800M	1.8G	2.1G	2.6G
		839~849MHz 884~894MHz	1770~1780MHz 1861~1870MHz	1920~1940MHz 2110~2130MHz	2520~2540MHz 2640~2660MHz
	SK Telecom 2.6G (Pass Band)	2.6G			
		2500~2520MHz, 2540~2550MHz, 2620~2640MHz, 2660~2670MHz			
Insertion Loss		4.8dB Max. (KT 1.8G TX , LGU+ 1.8G TX 5.8dB Max. KT 1.8G RX , LGU+ 1.8G RX 5.3dB Max.)			
Return Loss		-18.0dB Max. (Input Port)			
Isolation		All other path	22dB Max. / KT 1.8G TX ↔ LGU+ 1.8G TX 20dB Max.		
		LGU+→KT port	48dB Min.@884~894MHz		
			45dB min.@904.3~914.3MHz		
			30dB min.@2110~2130MHz		
		SKT→LGU+ port	50dB min.@1810~1830MHz		
		SKT→KT port	50dB min.@904.3~914.3MHz		
PIMD		"5th -160dBc Min. 7th -170dBc Min @ 43dBm x 2Tone SKT 2.6G Port 3rd (-150dBc), 5th Test			
Max Input Power		SKT port : 240W Max. (avg. power) KT port : 320W Max. (avg. power) LGU+ port : 320W Max. (avg. power) SKT 2.6G port : 80W Max. (avg. power)			
Connector Type		N(F) Type			
Operating Temperature		-30℃ ~ +60℃			
Waterproof (Protection Class)		IP67			
Humidity		95%			

RF Connectivity - Wireless Infrastructure

Passive Components

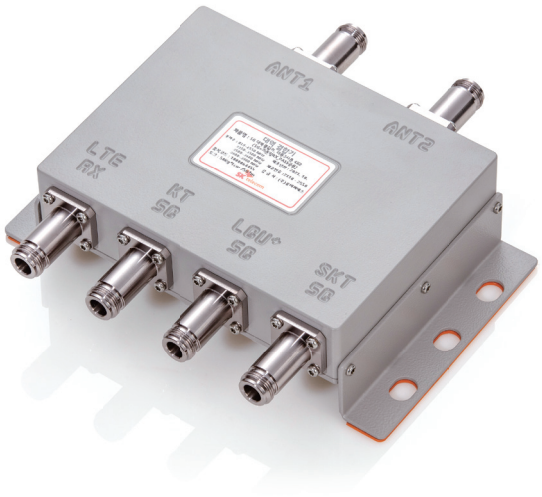
4X2 Combiner, 100W 3350-3900MHz, N Female

819~2550MHz, 3350~3500MHz, 3500~3600MHz, 3600~3900MHz

UBCS' combiner combines RF signals at a certain impedance level. Our products are designed for use in-building or indoor and can be used to provide wireless coverage in base stations, buildings, subways, tunnels, etc.

FEATURES / BENEFITS

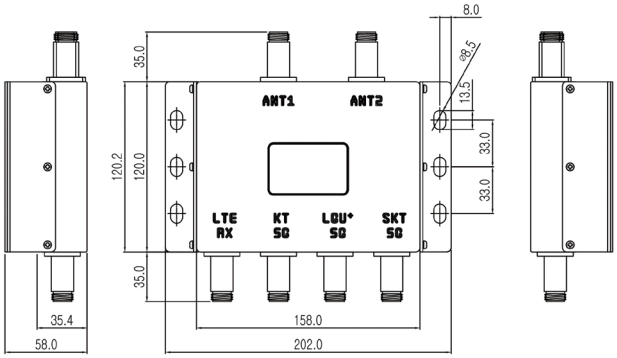
1. Robust mechanical design
2. Outstanding system characteristics
3. Suitable for in-building (DAS) applications
4. Very low insertion loss



APPLICATIONS

1. 5G Networks
2. Wireless Infrastructure
3. Antenna Systems
4. In-buidling Systems (DAS)
5. Indoor

BLOCK DIAGRAM



SPECIFICATIONS

Impedance	50Ω			
Frequency Range Up To	P1	P2	P3	P4, P5
	KT	SK Telecom	LG U+	LTE(Rx)
	3500~3600MHz	3600~3900MHz	3350~3500MHz	819~2550MHz
Insertion Loss	P1	P2	P3	P4
	-4.5dB Min.	-4.5dB Min.	-4.5dB Min.	-0.4dB Min.
Return Loss	-18.0dB Max. (Input Port)			
Isolation	-20dB Max. (P1↔P2, P1↔P3, P4↔P2,P3)			
	-30dB Max. (P2↔P3, P4↔P1)			
PIMD	3rd -155dBc Max. @ 43dBm(CW) 2 Tone			
Connector Type	N Type (F)			
Input Power Rating Per Port	P1	P2	P3	P4, P5
	100W Max.	100W Max.	100W Max.	10W Max.
Operating Temperature	-30 ℃ ~ +60 ℃			
Waterproof (Protection Class)	IP67			
Humidity	95%			

Passive Components

3X2 Combiner, 100W 3350-3900MHz, N / 4.3-10 Female

3350~3500MHz, 3500~3600MHz, 3600~3900MHz

UBCS' combiner combines RF signals at a certain impedance level. Our products are designed for use in-building or indoor and can be used to provide wireless coverage in base stations, buildings, subways, tunnels, etc.

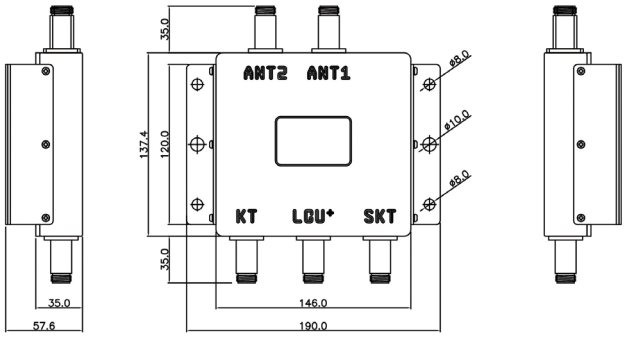
FEATURES / BENEFITS

1. Robust mechanical design
2. Outstanding system characteristics
3. Suitable for in-building (DAS) applications
4. Very low insertion loss

APPLICATIONS

1. 5G Networks
2. Wireless Infrastructure
3. Antenna Systems
4. In-buidling Systems (DAS)
5. Indoor

BLOCK DIAGRAM / LINE UP



SPECIFICATIONS

Impedance	50Ω			
Frequency Range Up To	P1	P2	P3	-
	KT	SK Telecom	LG U+	
	3500~3600MHz	3600~3900MHz	3350~3500MHz	
Insertion Loss	P1	P2	P3	
	-4.2dB Min.	-4.2dB Min.	-4.2dB Min.	
Return Loss	-18.0dB Max. (Input Port)			
Isolation	-20dB Max. (P1↔P2, P1↔P3)			
	-30dB Max. (P2↔P3)			
PIMD	3rd -155dBc Max. @ 43dBm(CW) 2 Tone			
Connector Type	N Type (F) / 4.3-10 (F)			
Input Power Rating Per Port	P1	P2	P3	-
	100W Max.	100W Max.	100W Max.	
Operating Temperature	-30 ℃ ~ +60 ℃			
Waterproof (Protection Class)	IP67			
Humidity	95%			

RF Connectivity - Wireless Infrastructure

Passive Components

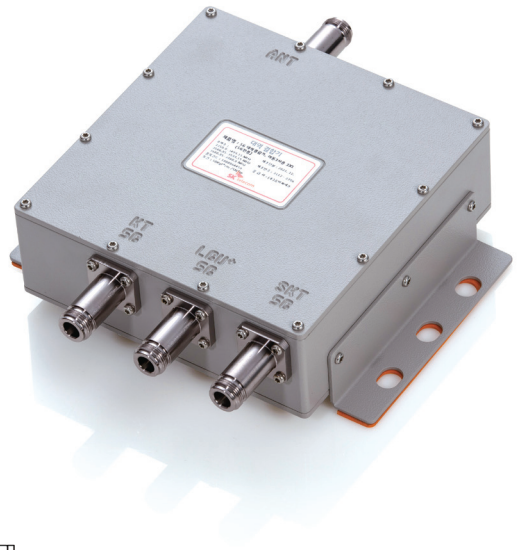
3X1 Combiner, 100W 3350~3900, N Female

3350~3500MHz, 3500~3600MHz, 3600~3900MHz

UBCS' combiner combines RF signals at a certain impedance level. Our products are designed for use in-building or indoor and can be used to provide wireless coverage in base stations, buildings, subways, tunnels, etc.

FEATURES / BENEFITS

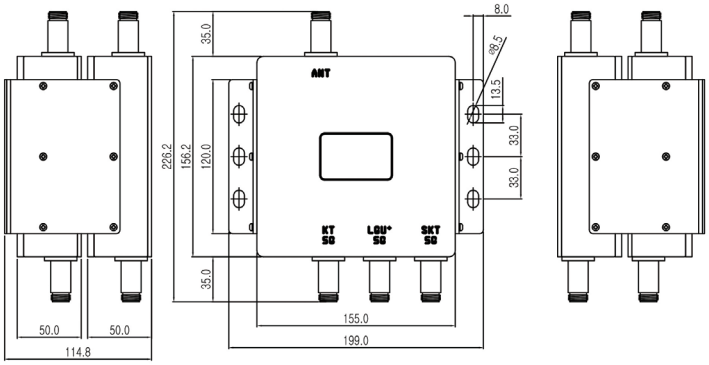
1. Robust mechanical design
2. Outstanding system characteristics
3. Suitable for in-building (DAS) applications
4. Very low insertion loss



APPLICATIONS

1. 5G Networks
2. Wireless Infrastructure
3. Antenna Systems
4. In-buidling Systems (DAS)
5. Indoor

BLOCK DIAGRAM / LINE UP



SPECIFICATIONS

Impedance	50Ω			
Frequency Range Up To	P1	P2	P3	-
	KT	SK Telecom	LG U+	
	3500~3600MHz	3600~3900MHz	3350~3500MHz	
Insertion Loss	P1	P2	P3	
	-0.7dB Min. (Band AVG.)			
Return Loss	-18.0dB Max. (Input Port)			
Isolation	-20dB Max. (P1↔P2, P1↔P3)			
	-30dB Max. (P2↔P3)			
PIMD	3rd -155dBc Max. @ 43dBm(CW) 2 Tone			
Connector Type	N Type (F)			
Input Power Rating Per Port	P1	P2	P3	-
	100W Max.	100W Max.	100W Max.	
Operating Temperature	-30 ℃ ~ +60 ℃			
Waterproof (Protection Class)	IP67			
Humidity	95%			

2X2 Hybrid Combiner, 500W 819-3900MHz, N Female

819~960MHz, 1710~1870MHz, 1885~2170MHz, 2300~2700MHz, 3350~3900MHz

UBCS' combiner combines RF signals at a certain impedance level. Our products are designed for use in-building or indoor and can be used to provide wireless coverage in base stations, buildings, subways, tunnels, etc.

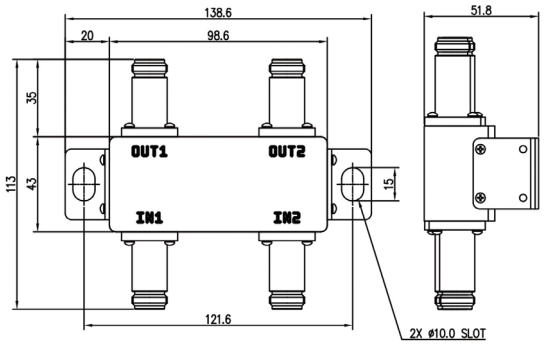
FEATURES / BENEFITS

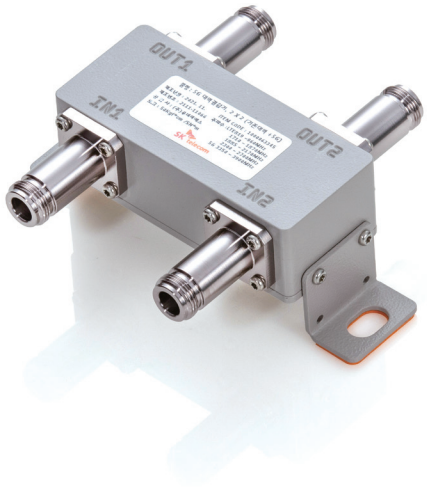
1. Robust mechanical design
2. Outstanding system characteristics
3. Suitable for in-building (DAS) applications
4. Very low insertion loss

APPLICATIONS

1. 5G Networks
2. Wireless Infrastructure
3. Antenna Systems
4. In-buidling Systems (DAS)
5. Indoor

BLOCK DIAGRAM





SPECIFICATIONS

Impedance	50Ω	
Frequency Range Up To	LTE	5G
	~ 2700MHz	3350~3900MHz
Insertion Loss	-3.8dB Min.	
Return Loss	-18.0dB Max. (Input Port)	
Isolation	-22dB Max.	
PIMD	3rd -155dBc Max. @ 43dBm(CW) 2 Tone	
Connector Type	N Type (F)	
Input Power Rating Per Port	500W Max.	
Operating Temperature	-30 ℃ ~ +60 ℃	
Waterproof (Protection Class)	IP67	
Humidity	95%	

RF Connectivity - Wireless Infrastructure

Passive Components

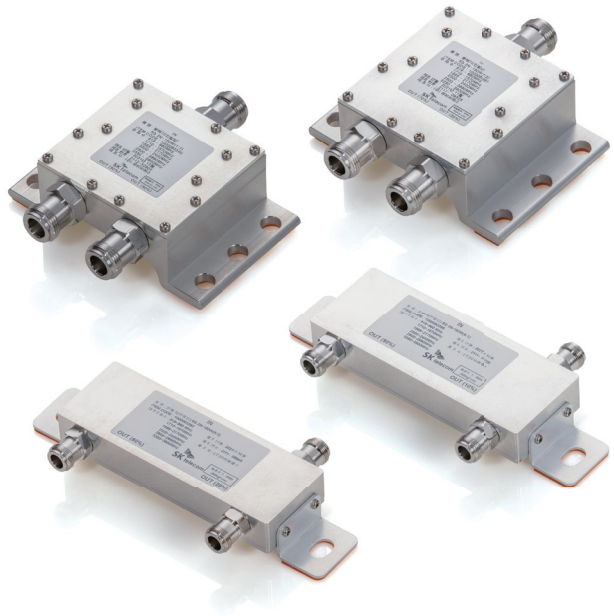
Wilkinson, 2-Way Power Splitters 819-3900MHz, N Female

819~960MHz, 1710~1870MHz, 1885~2170MHz, 2300~2400MHz, 2500~2690MHz, 3350~3900MHz

UBCS' power splitter evenly distributes signal received in one input unit to two, three or four output units. Designed for the needs of South Korea's 5G telecommunications industry.

FEATURES / BENEFITS

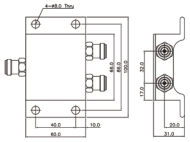
1. Robust mechanical design
2. Outstanding system characteristics
3. Suitable for in-building (DAS) applications
4. Very low insertion loss



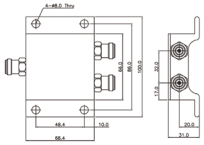
APPLICATIONS

1. 5G Networks
2. Wireless Infrastructure
3. Antenna Systems
4. In-buidling Systems (DAS)
5. Indoor

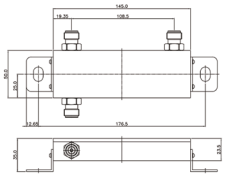
BLOCK DIAGRAM / LINE UP



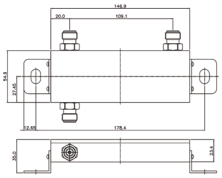
2-Way Power Splitter, N Female, 150W 819-3900MHz [1:1 Split Ratio]



2-Way Power Splitter, N Female, 150W 819-3900MHz [7:3 Split Ratio]



2-Way Power Splitter, N Female, 150W 819-3900MHz [8:2 Split Ratio]



2-Way Power Splitter, N Female, 150W 819-3900MHz [9:1 Split Ratio]

SPECIFICATIONS

Impedance	50Ω
Frequency Range Up To	819~960MHz, 1710~1870MHz, 1885~2170MHz, 2300~2400MHz, 2500~2690MHz, 3350~3900MHz
VSWR	1.2:1 Max.
Isolation	-20.0dB (Max.)
PIMD	-150dBc @ 3th (CW 10W 2tone)
Connector Type	N Type (F)
Input Power Rating Per Port	150W Max.
Operating Temperature	-30 ℃ ~ +60 ℃
Waterproof (Protection Class)	IP67
Humidity	95%
Port	3 Port

Passive Components

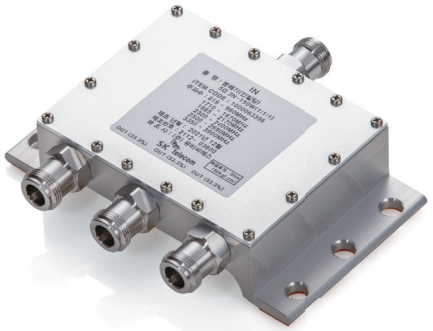
Wilkinson, 3-Way Power Splitters 819-3900MHz, N Female

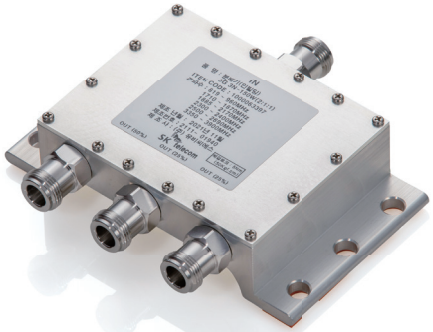
819~960MHz, 1710~1870MHz, 1885~2170MHz, 2300~2400MHz, 2500~2690MHz, 3350~3900MHz

UBCS' power splitter evenly distributes signal received in one input unit to two, three or four output units. Designed for the needs of South Korea's 5G telecommunications industry.

FEATURES / BENEFITS

1. Robust mechanical design
2. Outstanding system characteristics
3. Suitable for in-building (DAS) applications
4. Very low insertion loss

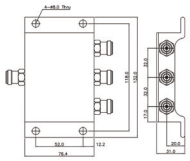




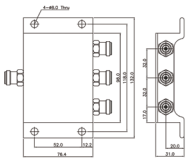
APPLICATIONS

1. 5G Networks
2. Wireless Infrastructure
3. Antenna Systems
4. In-buidling Systems (DAS)
5. Indoor

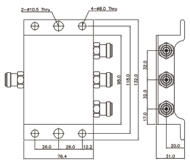
BLOCK DIAGRAM / LINE UP



3-Way Power Splitter, N Female, 150W 819-3900MHz [1:1:1 Split Ratio]



3-Way Power Splitter, N Female, 150W 819-3900MHz [2:1:1 Split Ratio]



3-Way Power Splitter, N Female, 150W 819-3900MHz [8:1:1 Split Ratio]

SPECIFICATIONS	
Impedance	50Ω
Frequency Range Up To	819~960MHz, 1710~1870MHz, 1885~2170MHz, 2300~2400MHz, 2500~2690MHz, 3350~3900MHz
VSWR	1.2:1 Max.
Isolation	-20.0dB (Max.)
PIMD	-150dBc @ 3th (CW 10W 2tone)
Connector Type	N Type (F)
Input Power Rating Per Port	150W Max.
Operating Temperature	-30 ℃ ~ +60 ℃
Waterproof (Protection Class)	IP67
Humidity	95%
Port	4 Port

RF Connectivity - Wireless Infrastructure

Passive Components

Wilkinson, 4-Way Power Splitters 819-3900MHz, N Female

819~960MHz, 1710~1870MHz, 1885~2170MHz, 2300~2400MHz, 2500~2690MHz, 3350~3900MHz

UBCS' power splitter evenly distributes signal received in one input unit to two, three or four output units. Designed for the needs of South Korea's 5G telecommunications industry

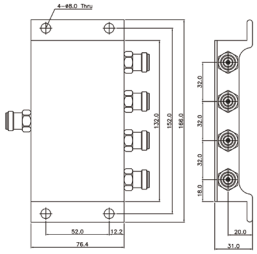
FEATURES / BENEFITS

1. Robust mechanical design
2. Outstanding system characteristics
3. Suitable for in-building (DAS) applications
4. Very low insertion loss

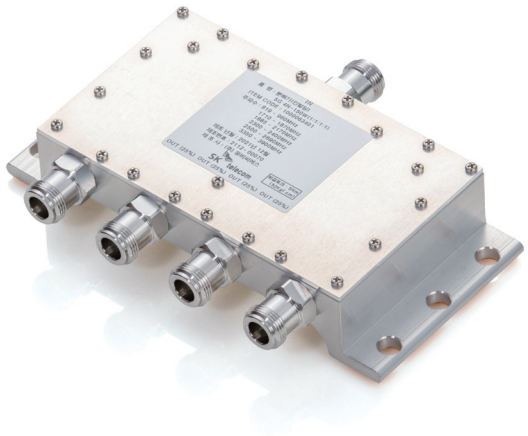
APPLICATIONS

1. 5G Networks
2. Wireless Infrastructure
3. Antenna Systems
4. In-buidling Systems (DAS)
5. Indoor

BLOCK DIAGRAM / LINE UP



4-Way Power Splitter, N Female, 150W 819-3900MHz [1:1:1:1 Split Ratio]



SPECIFICATIONS

Impedance	50Ω
Frequency Range Up To	819~960MHz, 1710~1870MHz, 1885~2170MHz, 2300~2400MHz, 2500~2690MHz, 3350~3900MHz
VSWR	1.2:1 Max.
Isolation	-20.0dB (Max.)
PIMD	-150dBc @ 3th (CW 10W 2tone)
Connector Type	N Type (F)
Input Power Rating Per Port	150W Max.
Operating Temperature	-30 ℃ ~ +60 ℃
Waterproof (Protection Class)	IP67
Humidity	95%
Port	5 Port

Junction, 2-Way Power Splitters 819-3900MHz, N Female

**819~960MHz, 1710~1870MHz, 1885~2170MHz,
2300~2400MHz, 2500~2690MHz, 3350~3900MHz**

UBCS' power splitter evenly distributes signal received in one input unit to two, three or four output units. Designed for the needs of South Korea's telecommunications industry.

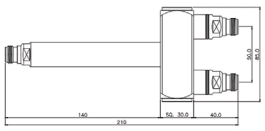
FEATURES / BENEFITS

1. Robust mechanical design
2. Outstanding system characteristics
3. Suitable for in-building (DAS) applications
4. Very low insertion loss

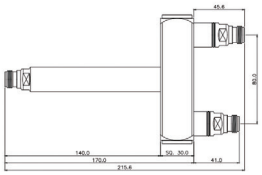
APPLICATIONS

1. 5G Networks
2. Wireless Infrastructure
3. Antenna Systems
4. In-buidling Systems (DAS)
5. Indoor

BLOCK DIAGRAM / LINE UP



2-Way Power Splitter [Type U], N Female, 300W 3350-3900MHz [1:1 Split Ratio]



2-Way Power Splitter [Type U], N Female, 300W 3350-3900MHz [7:3 Split Ratio]

SPECIFICATIONS

Impedance	50Ω
Frequency Range Up To	819~960MHz, 1710~1870MHz, 1885~2170MHz, 2300~2400MHz, 2500~2690MHz, 3350~3900MHz
VSWR	1.2:1 Max.
PIMD	-155dBc @ 3th (CW 20W 2tone)
Connector Type	N Type (F)
Input Power Rating Per Port	300W Max.
Operating Temperature	-40 ℃ ~ +70 ℃
Waterproof (Protection Class)	IP67
Humidity	95%
Port	3 Port

RF Connectivity - Wireless Infrastructure

Passive Components

Junction, 2-Way Power Splitters 819-3900MHz, 4.3-10 Female

**819~960MHz, 1710~1870MHz, 1885~2170MHz,
2300~2400MHz, 2500~2690MHz, 3350~3900MHz**

UBCS' power splitter evenly distributes signal received in one input unit to two, three or four output units. Designed for the needs of South Korea's telecommunications industry.

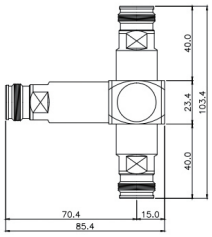
FEATURES / BENEFITS

1. Robust mechanical design
2. Outstanding system characteristics
3. Suitable for in-building (DAS) applications
4. Very low insertion loss

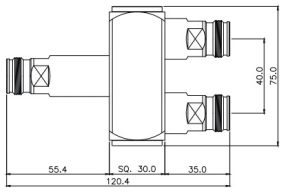
APPLICATIONS

1. 5G Networks
2. Wireless Infrastructure
3. Antenna Systems
4. In-buidling Systems (DAS)
5. Indoor

BLOCK DIAGRAM / LINE UP



2-Way Power Splitter [Type T], 4.3-10 Female, 500W
3350-3900MHz [1:1 Split Ratio]



2-Way Power Splitter [Type U], 4.3-10 Female, 500W
3350-3900MHz [1:1 Split Ratio]

SPECIFICATIONS	
Impedance	50Ω
Frequency Range Up To	819~960MHz, 1710~1870MHz, 1885~2170MHz, 2300~2400MHz, 2500~2690MHz, 3350~3900MHz
VSWR	1.2:1 Max.
PIMD	-155dBc @ 3th (CW 20W 2tone)
Connector Type	4.3-10 (F)
Input Power Rating Per Port	500W Max.
Operating Temperature	-40 ℃ ~ +70 ℃
Waterproof (Protection Class)	IP67
Humidity	95%
Port	3 Port

Junction, 3-Way Power Splitters 819-3900MHz, N Female

**819~960MHz, 1710~1870MHz, 1885~2170MHz,
2300~2400MHz, 2500~2690MHz, 3350~3900MHz**

UBCS' power splitter evenly distributes signal received in one input unit to two, three or four output units. Designed for the needs of South Korea's telecommunications industry.

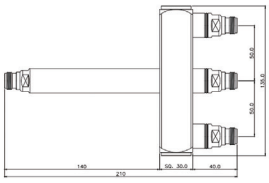
FEATURES / BENEFITS

1. Robust mechanical design
2. Outstanding system characteristics
3. Suitable for in-building (DAS) applications
4. Very low insertion loss

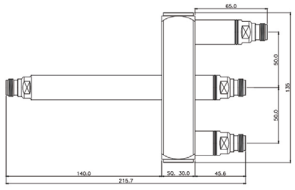
APPLICATIONS

1. 5G Networks
2. Wireless Infrastructure
3. Antenna Systems
4. In-buidling Systems (DAS)
5. Indoor

BLOCK DIAGRAM / LINE UP



3-Way Power Splitter [Type U], N Female, 300W 3350-3900MHz [1:1:1 Split Ratio]



3-Way Power Splitter [Type U], N Female, 300W 3350-3900MHz [2:1:1 Split Ratio]

SPECIFICATIONS

Impedance	50Ω
Frequency Range Up To	819~960MHz, 1710~1870MHz, 1885~2170MHz, 2300~2400MHz, 2500~2690MHz, 3350~3900MHz
VSWR	1.2:1 Max.
PIMD	-155dBc @ 3th (CW 20W 2tone)
Connector Type	N Type (F)
Input Power Rating Per Port	300W Max.
Operating Temperature	-40 ℃ ~ +70 ℃
Waterproof (Protection Class)	IP67
Humidity	95%
Port	4 Port

RF Connectivity - Wireless Infrastructure

Passive Components

Junction, 3-Way Power Splitters 819-3900MHz, 4.3-10 Female

**819~960MHz, 1710~1870MHz, 1885~2170MHz,
2300~2400MHz, 2500~2690MHz, 3350~3900MHz**

UBCS' power splitter evenly distributes signal received in one input unit to two, three or four output units. Designed for the needs of South Korea's 5G telecommunications industry.

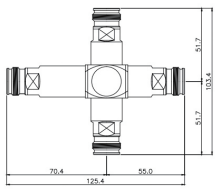
FEATURES / BENEFITS

1. Robust mechanical design
2. Outstanding system characteristics
3. Suitable for in-building (DAS) applications
4. Very low insertion loss

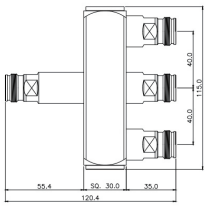
APPLICATIONS

1. 5G Networks
2. Wireless Infrastructure
3. Antenna Systems
4. In-buidling Systems (DAS)
5. Indoor

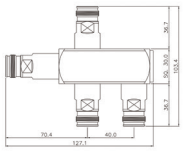
BLOCK DIAGRAM / LINE UP



3-Way Power Splitter [Type T],
4.3-10 Female, 500W 3350-3900MHz
[1:1:1 Split Ratio]



3-Way Power Splitter [Type U],
4.3-10 Female, 500W 3350-3900MHz
[1:1:1 Split Ratio]



3-Way Power Splitter [Type F],
4.3-10 Female, 500W 3350-3900MHz
[1:1:1 Split Ratio]

SPECIFICATIONS	
Impedance	50Ω
Frequency Range Up To	819~960MHz, 1710~1870MHz, 1885~2170MHz, 2300~2400MHz, 2500~2690MHz, 3350~3900MHz
VSWR	1.2:1 Max.
PIMD	-155dBc @ 3th (CW 20W 2tone)
Connector Type	4.3-10 (F)
Input Power Rating Per Port	500W Max.
Operating Temperature	-40 ℃ ~ +70 ℃
Waterproof (Protection Class)	IP67
Humidity	95%
Port	4 Port