

WIRELESS PRODUCTS

Cable Assemblies



CABLE ASSEMBLIES

Cable assemblies are typically used to connect the feeder line to the transmission equipment or to the antenna in wireless communication applications.

SYSKIM's cable assemblies are ideally suited for application requiring durability, small bending radius and low attenuation. SYSKIM offers a wide selection of cable assemblies in sizes of 1/4", 3/8" and 1/2". These cable assemblies are distinguished by the following features;

- Excellent VSWR values(100% sweep-tested to 2.7GHz prior to shipping)
- Designed for outdoor applications under extreme climatic conditions
- Waterproof per IP68 water immersion testing
- Available in any cable length with a various connector combinations
- PIM Complaint



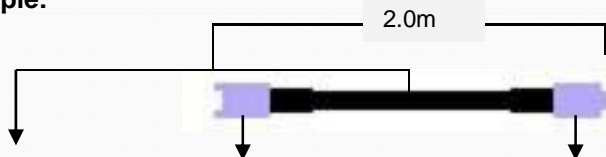
General Specifications

Type	1/4" Superflex	3/8" Superflex	1/2" Superflex	1/2" Regular
Nom. Impedance	50ohm	50ohm	50ohm	50ohm
Frequency range	DC to 2.7GHz	DC to 2.7GHz	DC to 2.7GHz	DC to 2.7GHz
Connector type	N,N-R, 716DIN, 716DIN-R	N,N-R,716DIN, 716DIN-R	N,N-R,716DIN, 716DIN-R	N,N-R,716DIN, 716DIN-R
Peak power rating	6KW	13KW	15KW	40KW
Return Loss				
0.03 to 1.0GHz	≥30dB	≥30dB	≥30dB	≥30dB
1.0 to 2.2GHz	≥28dB	≥28dB	≥28dB	≥28dB
2.2 to 2.7GHz	≥26dB	≥26dB	≥26dB	≥26dB
Waterproof	IP68	IP68	IP68	IP68

Ordering Information

Cable	Connector 1	Connector 2	Length
1/4" superflex 6S	N male Straight NM	N male Straight NM	1m 10
3/8" superflex 10S	N Right Angle male NR	N Right Angle male NR	1.5m 15
1/2" superflex 12S	N female Straight NF	N female Straight NF	2.0m 20
1/2" regular 12R	7-16 Straight male DM	7-16 Straight male DM	2.5m 25
	7-16 Right Angle male DR	7-16 Right Angle male DR	3.0m 30
	7-16 Straight female DF	7-16 Straight female DF	Custom length

Example:



1/2" superflex + N male straight + 7-16 straight male + Cable Length 2.0m = Order Number JP-12SNMDM-20