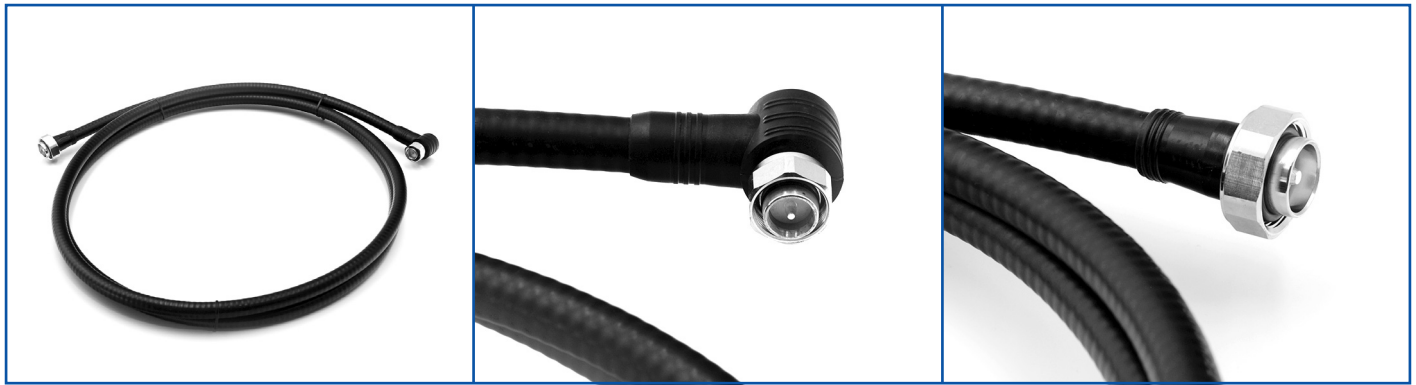




1/2" Flexible Coax Assembly Angle 4.3-10 Male to Din Male

Product Code TCJ-SHCF12-R4MSDM-Lm

Product Category Assembly Flexible

Product Description

Jumper Length		Lm (As Per Customised)	
Cable Type		TCX-HX-HCF012 (1/2" Super Flexible)	
	Inner Conductor	Copper-Clad Aluminum Wire	
	Dielectric	Physical Foam Polyethylene	
	Outer Conductor	Corrugated Copper Tube	
	Jacket	Black PE	
Connector Type		7/16 type male	4310 type right angle male (Screw type)
	Inner Conductor Pin	Brass / Silver Plating	Brass / Silver Plating
	Body & Outer Conductor	Brass / Trimetal Plating	Brass / Trimetal Plating
	Insulator	PC	PC
	Gasket	Silicon Rubber	Silicon Rubber
	Nut	Brass / Nickel Plating	Brass / Nickel Plating

Electrical Specifications

Characteristics Impedance		50 Ohm	
Frequency Range		DC~6GHz	
Insulation Resistance		≥5000MΩ	
Dielectric Withstanding Voltage		2500V rms (DC)	
Operating Voltage		1000V rms	
Insertion Loss	@700MHz	≤0.092*L+0.09dB (L=Cable Length)	
	@900MHz	≤0.106*L+0.10dB (L=Cable Length)	
	@1800MHz	≤0.156*L+0.14dB (L=Cable Length)	
	@2100MHz	≤0.170*L+0.15dB (L=Cable Length)	
	@2300MHz	≤0.179*L+0.15dB (L=Cable Length)	
	@2600 MHz	≤0.192*L+0.16dB (L=Cable Length)	
	@3500 MHz	≤0.229*L+0.19dB (L=Cable Length)	
Return Loss	@800-1000MHz	≤-26.4dB	
	@1000-2700MHz	≤-24.3dB	
	@2700-3600MHz	≤-21.7dB (L≤5m)	≤-20.8dB (L>5m)
PIM3 (2*43dBm)	@700MHz & 900MHz & 1800MHz & 2100MHz	≤-160dBc	

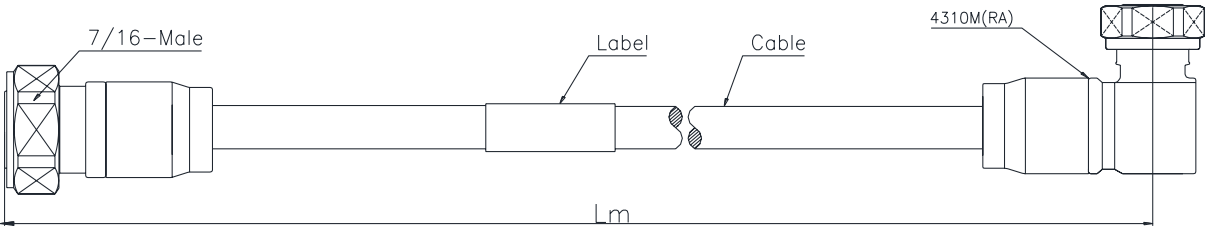
Environmental & Mechanical Specifications

Min. Static Minimum Bending Radius	15mm		
Min. Dynamic Minimum Bending Radius	32mm		
Tensile Strength	≥500N		
Torque Proof (Nut)	4310: 5N·m	7/16: 22-30N.m	
Storage Temperature	-45°C to +65°C		
Operating Temperature	-60°C to +85°C		
Salt Spray Test Standard	IEC 60068-2-52 (14 days alternating salt spray test)		
Water Proof Level	IP68 24hr, 1m, 20°C		
RoHS	Compliant		

Regulatory Compliance / Certification

ISO 9001:2015	Compliant
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Technical Drawing



The facts and figures contained herein are carefully complied to the best of our knowledge, but they are intended for general informational purposes only.