



CABLE - U.FL FEMALE TO RPSMA FEMALE 4”

Adapter cable for connecting U.FL to RPSMA

GENERAL		
CABLE TYPE	RG-178	
STYLE	RP-SMA to UMCC	
CONNECTORS	End A: RP-SMA Female Jack, Male Pin; End B: Ultra Miniature Coaxial Plug, Female Socket, Right Angle	
LENGTH	4.00” (101.6 mm)	
STANDARD: MIL-C-17		
CONDUCTOR	Size: 30 AWG; Material: silver-coated copper; Conductors number: 7; Conductors size: 0.102 mm; O.D.: 0.31 mm	
INSULATION	Average thickness: 0.28 mm; Diameter: 0.86 mm +Q.03; Material: PEP; Color: clear	
BRAID	Material: silver-coated copper; Construction: 16 / 3 / 0.09 mm; Coverage 92%	
JACKET	Average thickness: 0.25 mm; Diameter: 1.80 mm ±0.05; Material: FEP	
ELECTRICAL AND PHYSICAL PROPERTIES		
RATING TEMPERATURE	105° C 30V	
CONDUCTOR RESISTANCE	838 OHM/KM/20° C max	
INSULATION RESISTANCE	3000 MEGA OHM-KM min	
DIELECTRIC STRENGTH	AC 1.0 KV/Minute	
SPARK TEST	2.5 KV	
INSULATION AND JACKET	UNAGED	Tensile strength: 2500 PSI MIN.(1.76 Kg / m m ²); Elongation: 200% MIN.
	AGED	Tensile strength: UNAGED MIN 75% (168 HRS x 232° C); Elongation: UNAGED MIN 75% (168 HRS x 232° C)
NOM. IMPEDANCE	50±5 Ohms	
NOM. CAPACITANCE	95.8 pF/m	
NOM. VEL. OF PROP.	69.5%	
VSWR (0 - 6 GHZ)	Max 1.3	
THERMAL SHOCK	Max 1 mm at 232° C/1 HR	
BEND RADIUS	Min 9 mm	
ATTENUATION (DB/1M)	1GHz: 1.8; 1.8GHz: 2.6; 2.4GHz: 2.9; 5.2GHz: 4.5; 6GHz: 4.9	

PART NUMBER	DESCRIPTION
JF1R6-CR3-4I	U.FL Female to RPSMA Female 4”

For more information, visit www.digi.com
877-912-3444 | 952-912-3444

