

**Pacific 5D-FB Low Loss Foam equivalent of cable type JIS-5D.**

**Physical Specifications**

Inner Conductor	Material: Bare Copper Solid
	Diameter: 0.07 (ins) 1.78 (mm)
Dielectric	Material: Closed Cell PE Foam
	Diameter: 0.19 (ins) 4.83 (mm)
Outer Conductor	Material: Aluminium Tape
	Diameter: 0.196 (ins) 4.98 (mm)
Overall Braid	Material: Tinned Copper
	Diameter: 0.225 (ins) 5.72 (mm)
Jacket	Material: Black PVC
	Diameter: 0.30 (ins) 7.60 (mm)
Weight	0.055lbs/ft 0.08Kg/m

**Mechanical Specification**

Minimum Bend Radius	0.88 (ins) 22.2 (mm)
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**Electrical Specifications**

Impedance	50 ohms
Capacitance	24.2pF/ft 79.4pF/m
Velocity of Propagation	85%
DC Resistance	
Inner Conductor	2.12 ohms/1000' 6.96 ohms/Km
Outer Conductor	2.21 ohms/1000' 7.25 ohms/Km

**Attenuation**

Freq (MHz)	dB/100ft	dB/100m
30	1.1	3.5
150	2.4	7.9
450	4.2	13.8
900	6.1	19.9
1500	7.9	26.0
2000	9.2	30.3
2500	10.4	34.2
5800	16.6	54.3

**Connectors Available**

Type	Inner Contact Attachment	Outer Contact Attachment
N Male	Crimp	Crimp
N Female	Crimp	Crimp
BNC Male	Crimp	Crimp
TNC Male	Crimp	Crimp

**RADL-400UFX UltraFlex Low Loss Foam PE Coaxial Cable with Fire-retardant LSNH jacket.**

**Physical Specifications**

Inner Conductor	Material: Bare Copper Wire
	Diameter: 0.112 (ins) 2.85 (mm)
Dielectric	Material: Closed Cell PE Foam
	Diameter: 0.285 (ins) 7.24 (mm)
Outer Conductor	Material: Aluminium Tape
	Diameter: 0.291 (ins) 7.39 (mm)
Overall Braid	Material: Tinned Copper
	Diameter: 0.32 (ins) 8.13 (mm)
Jacket	Material: Low Smoke Non-Halogen
	Diameter: 0.405 (ins) 10.3 (mm)
Weight	0.091lbs/ft 0.134Kg/m

**Mechanical Specification**

Minimum Bend Radius	1.0 (ins) 25.4 (mm)
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**Electrical Specifications**

Impedance	50 ohms
Capacitance	24.0pF/ft 78.4pF/m
Velocity of Propagation	85%
DC Resistance	
Inner Conductor	1.67 ohms/1000' 5.48 ohms/Km
Outer Conductor	1.65 ohms/1000' 5.41 ohms/Km

**Attenuation**

Freq (MHz)	dB/100ft	dB/100m
30	0.8	2.6
150	1.7	5.6
450	3.1	10.2
900	4.1	13.4
1800	6.6	21.6
2400	7.9	26
3000	9.4	30.8

**Connectors Available**

Type	Inner Contact Attachment	Outer Contact Attachment
N Male	Solder	Clamp
N Female	Solder	Clamp
BNC Male	Solder	Crimp
TNC Male	Solder	Clamp
RP TNC (M)	Solder	Crimp
RP TNC (F)	Solder	Crimp