

480 Series Operating Up to 11 GHz



Center Conductor Silver Plated Copper (Stranded only)	Dielectric EPTFE	Foil Silver Plated Copper	Braid Silver Plated Copper	Outer Jacket FEP (12. mm 0.480")
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4806

Electrical Characteristics

Impedance	50 +/- 2%
Cut Off Frequency (cable only, max)	11.5 GHz
Capacitance	24 pF/ft.
Velocity of Propagation	83%
Time Delay	1.22ns/ft.
Shielding Effectiveness up to 18GHz	>90 dB
Power Handling	See Chart

Mechanical Characteristics:

Weight	2.9 oz/ft (267g/m)
Minimum Bend Radius inches (mm)	2.25" (57mm)

Environmental Characteristics:

Operating Temperature Range ¹	-65°C to +165°C
RoHS (2002/95/EC)	Available on request

¹+200°C available on request

VSWR for assemblies with two straight connectors 1.35:1 to 11 GHz

480 Series

Insertion Loss

4806			
GHz	dB/ft.	dB/m	Power(W) @ 20°C @ Sea Level
0.04	0.018	0.0504	4500
1	0.03	0.098	3250
2	0.043	0.141	2260
4	0.064	0.210	1650
6	0.08	0.262	1300
8	0.095	0.312	1100
10	0.109	0.575	950
11	0.116	0.380	900



