

Fiber Optic Cable Assemblies



ARIA Fiber Optic Cable Assemblies are available with your choice of fiber count, features, flame rating, connector type, polish type, fiber type, and cable type.

All assemblies are 100% tested and certified to Telcordia GR-326-CORE Issue 4 specifications.

Connector Performance

Polish Type	Insertion Loss max/ typical (dB)	Return Loss max/ typical (-dB)	Durability change in dB (1000 matings)
UPC	0.2/0.15	55/57	0.2
APC	0.2/0.15	65/66	0.2

Polish Type	Tensile Strength 50 lbs (220N)	Temperature Cycling -20 to +80°C (40 cycles)	Materials ferrule/housing
UPC	0.2 db	0.2 db	ceramic/metal
APC	0.2 db	0.2 db	ceramic/metal

Cable Performance

Fiber Type	Wavelengths (nm)	Maximum Attenuation db/km	LED Bandwidth MHz/km	Modal Bandwidth MHz/km	Serial Gigabit Ethernet Distance (m)	Serial 10 Gigabit Ethernet Distance (m)
9/125µm SM	1310/1550	0.35/0.25	N/A	N/A	5000	1000/4000
62.5/125µm MM	850/1310	3.5/1.0	200/500	220	300/550	33
50/125µm MM	850/1310	3.5/1.5	500/500	510	600/600	82
50/125µm OM3	850/1310	3.0/1.5	1500/500	2000	1000/600	300
50/125µm OM4	850/1310	3.0/1.0	3500/500	4700	N/A	550