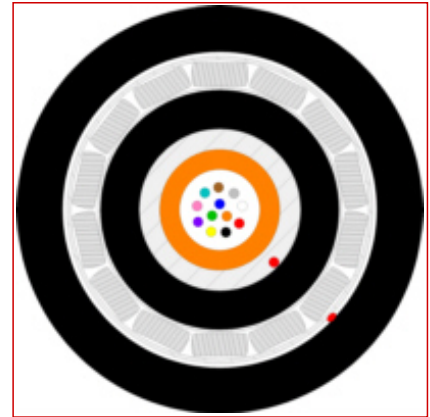


Dielectric Armor Rodent Resistant Riser I/O Cable

Berk-Tek's Dielectric Armor Rodent Resistant cable is designed for inside/outside plant deployments where rodent infestation is pronounced. This unique cable design incorporates a dielectric armor shield composed of numerous glass reinforced plastic rods (GRP) that run longitudinally along the length of the cable. This dielectric armor layer is sandwiched between two riser rated jackets.

Description

- Riser rating enables installations to go directly from outside plant through riser shafts with no transition point requirement
- High tensile strength, crush resistant and small diameter design enables long pulls in non-dedicated conduits
- All dielectric rodent resistant design
- Interlocking Armor available
- Fully water-blocked core
- Available with new bend-insensitive single-mode fibers
- Compact, water blocked, riser rated, loose tube design
- All Dielectric rodent resistant armor between two riser rated jackets
- High tensile strength provides for greater pulling distances



Standards

International EN 50173; ISO/IEC 11801

National ANSI/ICEA S-104-696; ANSI/ICEA S-83-596; ANSI/ICEA S-87-640; ANSI/TIA-568-C.3; ICEA S-110-717; Telcordia GR-409

Characteristics

Construction characteristics

Type of cable	Loose tube
Outer sheath	Riser

Usage characteristics

RoHS conform	Yes
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RoHS conform
Yes

Dielectric Armor Rodent Resistant Riser I/O Cable

Optical Performance Characteristics - All Fiber Counts

Optical performance	Attenuation, max. 850 nm (cabled) [dB/km]	Attenuation, max. 1300 nm (cabled) [dB/km]	Attenuation, max. 1310 nm (cabled) [dB/km]	Attenuation, max. 1550 nm (cabled) [dB/km]
AB (Single-mode, OS1)	-	-	0.4	0.3
CB (62.5/125 Standard, OM1)	3.5	1.0	-	-
EB (50/125 GIGAlite-10, OM3)	3.0	1.0	-	-
FB (50/125 GIGAlite 10-FB, OM4)	3.0	1.0	-	-
GB (62.5/125 GIGAlite, OM1 + Extended Distance)	3.5	1.0	-	-
LB (50/125 GIGAlite, OM2+ Extended Distance)	3.0	1.0	-	-
XB (50/125 GIGAlite 10-XB, OM4+ Extended Distance)	3.0	1.0	-	-
ZB (50/125 FDDI, OM2)	3.5	1.5	-	-

Physical Characteristics - All Fiber Types

Nb optical fibres	Minimum Bending Radius - LongTerm [in]	Nominal outer diameter [in]	Max. Load. Long Term (lbs) [lb]	Approximate weight [lb/kft]	Minimum Bending Radius - Install [in]	Maximum installation tension [lb]
6	4	0.399	240.0	72	6	800
12	4	0.399	240.0	72	6	800

Product List

☎ = Make to order, 📦 = Make to stock

Part Number	Description
☎ OPRFG006EB3010/25	Dielectric Armor Rodent Resistant Indoor/Outdoor Riser Rated 006 Fiber, 50/125 micron, 2000/500 MHz•km
☎ OPRFG006FB3010/F5	Dielectric Armor Rodent Resistant Indoor/Outdoor Riser Rated 006 Fiber, 50/125 micron, 4700/500 MHz•km
☎ OPRFG006XB3010/X5	Dielectric Armor Rodent Resistant Indoor/Outdoor Riser Rated 006 Fiber, 50/125 micron, 4900/500 MHz•km
☎ OPRFG006ZB3515/15	Dielectric Armor Rodent Resistant Indoor/Outdoor Riser Rated 006 Fiber, 50/125 micron, 500/500 MHz•km FDDI
☎ OPRFG006LB3010/75	Dielectric Armor Rodent Resistant Indoor/Outdoor Riser Rated 006 Fiber, 50/125 micron, 950/500 MHz•km
☎ OPRFG006CB3510/25	Dielectric Armor Rodent Resistant Indoor/Outdoor Riser Rated 006 Fiber, 62.5/125 micron, 200/500 MHz•km

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RoHS conform
Yes

Dielectric Armor Rodent Resistant Riser I/O Cable

Part Number	Description
☎ OPRFG006GB3510/25	Dielectric Armor Rodent Resistant Indoor/Outdoor Riser Rated 006 Fiber, 62.5/125 micron, GIGAlite 200/500 MHz•km
☎ OPRFG006AB0403	Dielectric Armor Rodent Resistant Indoor/Outdoor Riser Rated 006 Fiber, Enhanced Single-Mode
☎ OPRFG012EB3010/25	Dielectric Armor Rodent Resistant Indoor/Outdoor Riser Rated 012 Fiber, 50/125 micron, 2000/500 MHz•km
☎ OPRFG012FB3010/F5	Dielectric Armor Rodent Resistant Indoor/Outdoor Riser Rated 012 Fiber, 50/125 micron, 4700/500 MHz•km
☎ OPRFG012XB3010/X5	Dielectric Armor Rodent Resistant Indoor/Outdoor Riser Rated 012 Fiber, 50/125 micron, 4900/500 MHz•km
☎ OPRFG012ZB3515/15	Dielectric Armor Rodent Resistant Indoor/Outdoor Riser Rated 012 Fiber, 50/125 micron, 500/500 MHz•km FDDI
☎ OPRFG012LB3010/75	Dielectric Armor Rodent Resistant Indoor/Outdoor Riser Rated 012 Fiber, 50/125 micron, 950/500 MHz•km
☎ OPRFG012CB3510/25	Dielectric Armor Rodent Resistant Indoor/Outdoor Riser Rated 012 Fiber, 62.5/125 micron, 200/500 MHz•km
☎ OPRFG012GB3510/25	Dielectric Armor Rodent Resistant Indoor/Outdoor Riser Rated 012 Fiber, 62.5/125 micron, GIGAlite 200/500 MHz•km
☎ OPRFG012AB0403	Dielectric Armor Rodent Resistant Indoor/Outdoor Riser Rated 012 Fiber, Enhanced Single-Mode

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RoHS conform
Yes