

Applications and Features

- 1 (simplex) and 2 (duplex) fibers available
- Compatible with all standard fiber optic connectors
- Flame-retardant for indoor installations (Plenum rated)
- High performance tight-buffered coating on each optical fiber for environmental and mechanical protection
- Resilient and flexible for jumpers, patch cords, and pigtails
- Suitable for general purpose indoor use, such as inside conduit, pre-wire jobs, both short patch cables and long runs up to 1,000
- INVISAFIBER™ transparent cable
- Single fiber simplex with clear PVC 0.9mm jacket
- Super bend tolerant - As small as 4mm bend radius during installation.
- Virtually disappears when installed along baseboards, crown molding, or masonry.
- The perfect solution for retrofit jobs where there is no clean way to get from the TV back to the head end.

10G Ultra Long Run Cable

- Available as 2 (duplex) fibers
- Flame-retardant for indoor installations (Plenum rated)
- Suitable for general purpose indoor use, such as inside conduit, pre-wire jobs, both short patch cables and long runs up to 1,500'

Rugged Indoor/Outdoor cable

- Available as 2 or 4 fibers
- Ideal for installations requiring an extremely rugged and reliable cable design where maximum mechanical and environmental protection are required
- Flame-retardant for indoor installations (Plenum rated)
- High crush resistance eliminates the need for innerduct
- Standard 2.0mm subcables can be directly terminated with standard connectors.
- Design is ideal for direct pulling with mesh grips
- Cable materials are indoor/outdoor – UV, water and fungus resistant. Jacket highly chemical resistant for installation in harsh industrial environments

Item Name	Simplex	Duplex	Invisafiber™	Ultra-long	Rugged 2	Rugged 4
NeoPro Part #	31-00002	31-00003	31-00006	31-00007	31-00008	31-00009
Description	Simplex	Duplex zipcord	Simplex, Transparent	Duplex zipcord, 10G OM3	2 fiber rugged, indoor/outdoor	4 fiber rugged, indoor/outdoor
Fiber Type	50µm multimode					
Jacket Type	Plenum	Plenum	Clear PVC	Plenum	Plenum	Plenum
Operating Temperature	-20°C to +85°C	-20°C to +85°C	-20°C to +85°C	-20°C to +85°C	-40°C to +85°C	-40°C to +85°C
Flame Retardancy	UL Listed Type OFNP	UL Listed Type OFNP	NA	UL Listed Type OFNP	UL Listed Type OFNP	UL Listed Type OFNP
Crush Resistance	500 N/cm	500 N/cm	NA	500 N/cm	2,100 N/cm	2,100 N/cm
Fiber Count	1	2	1	2	2	4
Diameter	2.9mm	2.9mm x 5.8mm	0.9mm	2.9mm x 5.8mm	6.5mm	6.5mm
Installation Tensile Load	110 lbs	220 lbs	50 lbs	220 lbs	360 lbs	360 lbs
Operational Tensile Load	70 lbs	110 lbs	50 lbs	110 lbs	90 lbs	90 lbs
Installation Min. Bend Radius	5 cm (2.0 in)	5 cm (2.0 in)	4 mm (<3/16")	5 cm (2.0 in)	9.8 cm (3.9 in)	9.8 cm (3.9 in)
Long Term Min. Bend Radius	3 cm (1.2 in)	3 cm (1.2 in)	1 cm (~3/8")	3 cm (1.2 in)	9.8 cm (3.9 in)	9.8 cm (3.9 in)
Standards	GR-409-CORE, ICEA-S-83-596, TIA568, TIA-598	GR-409-CORE, ICEA-S-83-596, TIA568, TIA-598	NA	GR-409-CORE, ICEA-S-83-596, TIA568, TIA-598	GR-409-CORE, ICEA-S-83-596, TIA568, TIA-598	GR-409-CORE, ICEA-S-83-596, TIA568, TIA-598