

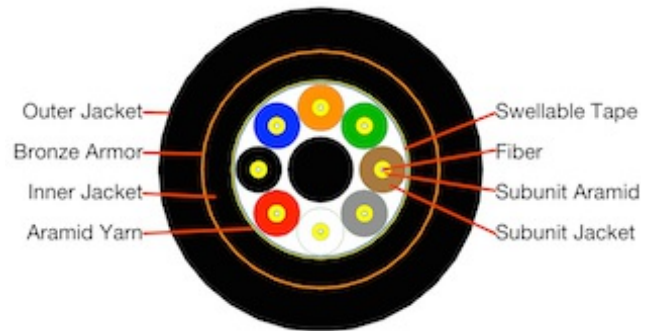
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Applications

- Extreme Environments
- Offshore Oil Platforms
- Industrial Sensing

General Attributes

- Eight Channel
- 200/230um Fiber
- Round Cable
- Bronze Armored



Optical Properties & Dimensions

Silica Core Diameter	200 ± 4 µm
Fluoropolymer Clad Diameter	230 +0 / -10 µm
ETFE Buffer Diameter	500 ± 30 µm
Index Profile	Step Index
Numerical Aperture	0.37
Water Content	Low OH
Attenuation @ 850nm	≤12dB/km
Bandwidth @ 810nm	≥20 MHz-km

Cable Properties

Subunit Strength Member	Aramid Yarn
Subunit Jacket Diameter	2.2mm
Subunit Colors	Blue, Black, Orange, Green, Brown, Grey, White, Red
Water Blocking	Water Swellable Yarn Applied in Cable Interstices
Strength Member	Aramid Yarn
Inner Jacket Material	LSZH Thermoplastic Flame Retardant Polyolefin, Black
Outer Jacket Diameter	14mm
Outer Jacket Material	LSZH Thermoplastic Flame Retardant Polyolefin, Black
Armor	28 AWG Bronze Armo (in accordance with IEC 92-350 & IEEE st 45-1998)

Mechanical Properties

Proof Test	150 kpsi
Minimum Bend Radius (Installation)	22.4 cm
Minimum Bend Radius (Operating)	11.2 cm
Cable Weight	253 KG/KM
Operating Temperature	-20°C to 80°C
Installation Temperature	-10°C to 60°C