

200um Round Harsh Environment Cable

Applications

- Industrial Communications
- Short Haul Data Transmission in Harsh/Wet Environments
- Factory Automation
- Wind Turbines
- Utilities

General Attributes

- 200/230um Two Channel Cable
- Excellent weatherability
- UV and Chemical Resistant
- Suitable for Wet and Harsh Environments



Specifications

Part Number	2504-02-00
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	≤6dB/km
Cable Properties	
Strength Member	Aramid Yarn
Outer Jacket Material	PE
Outside Diameter	8.0 mm
Sub Unit Diameter	2.5 ± 0.2 mm
Outer Jacket Color	Black
Mechanical Properties	
Installation Load Maximum	310 lb. 1375 N
Operating Load Maximum	155 lb. 689 N
Minimum Bend Installation	120 mm
Minimum Bend Operating	80 mm
Operating Temperature	-40°C to 80°C
Storage Temperature	-40 to 80°C