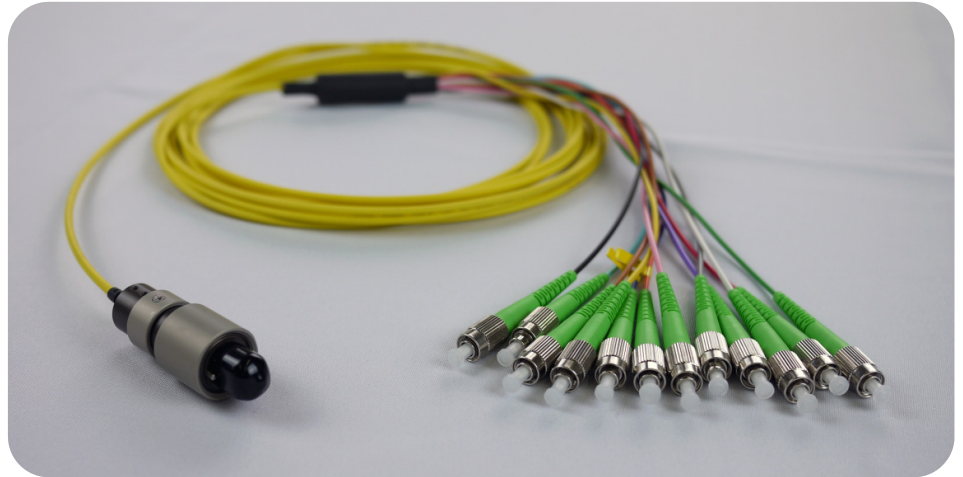


Applications

- Mini FBG-SD
- FBG-IPI
- FBG-Extensometer
- FBG-P

Features

- Immune to EMI and short circuits
- Low noise long distance signal transmission
- Connecting multiple sensors to a common optical fiber



Description

The Cable consists of 12 optical fibers which are ruggedized by layers of Kevlar and stainless steel fiber. The Cable has an MPO connector at one end that is compatible with Citpo FBG sensors, the other end has 12 FC/APC or other types of connectors specified by the customer. The specially designed MPO connector (patent pending) allows quick connection with the FBG sensors with minimal signal loss.

Cable

Specifications	Cable
Physical Properties	
Operating Temp. Range	-40 to 75°C
Storage Temp. Range	-40 to 85°C
Patchcord Types	FC/APC, SC/APC, or customer specified
Cable Types	Armored cable
Optical Properties	
Wavelength	1310 and 1550 nm
Fiber Types	Single-Mode, 9/125 μm
MPO Insertion Loss	<0.75 dB
MPO Reflectance	>65 dB
Patchcord Insertion Loss	<0.5 dB
Patchcord Reflectance	>65 dB
Notes:	

Ordering Information	Cable-XXX-YY/ZZZ
XXX: MPO Cable Length	ZZZ: Patchcord Length
001: 1 m	001: 1 m
002: 2 m	002: 2 m
YY: Patchcord Types	
FC: FC/APC Connector	
SC: SC/APC Connector	
LC: LC/APC Connector	