

XPC- HTFOC-350-FC/UPC-XX

XP Cable High Temperature Pure Silica Fiber Optic Cable



- 400 μm , NA 0.22 silica fiber
- -65°C to +350°C Temp. Range
- Less than 1 dB/km @ 1310 nm
- 380 nm to 2400 nm Range
- Low insertion loss (IL)
- High return loss (RL)
- Compact, flexible, and robust structure
- FC/UPC zinc alloy connector



Technical Specs.

Model No	XPC- HTFOC-350-FC/UPC-XX(XX for length 01 to 99mt)
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Performance

Applications	Furnaces, power plants, process industries, and harsh industrial environments.
Core Spec	400 μ m pure silica fiber core
Attenuation	<1 dB/km @ 1310 nm
Jacket Color	Blue
Coating Material	Polyimide
Cladding Material	Fluorine doped silica
Jacket Material	PVC jacket with armor protection for mechanical durability
Jacket Type	Compact, flexible, and robust structure. 5 $\times$ Core Diameter
Diameter	Φ 480 $\pm$ 10
Proof Test Level	100 kpsi
Water Content	Low OH

FC Connector

Type	FC zinc alloy connector
Polish Type	UPC
Durability	1000 Min – 1500 Cycles

Environment

Operating Temperature	-65°C to +350°C
Short Tem Temperature Excursions	400°C

Standards

EU RoHS	US Standard SONET OC-48	Japanese Standard (G.653)
China Industrial Standard (YD/T 1447—2006)		

Ordering Information

XPC- HTFOC-350-FC/UPC-XX XP Cable High Temperature FC/UPC Pure Silica Fiber Optic Cable (1...99mt)