

Part Number: **H57!\$- \$!%& F90121276B**

**Applications:** Direct termination, Military/Tactical, Rugged environments

**General Construction:** The cable contains 12 color coded (9/125) Singlemode optical fibers, each with a 0.9 mm Polyester Elastomer buffer. The cable is reinforced and protected by waterblocking aramid strength yarns and jacketed with a ruggedized black UV-resistant Polyurethane compound.

**Outer Jacket Material:** PU

**Outer Diameter:** 7 mm nom.

**Weight:** 45 kg/km



## Design & Materials

Buffer Material:	Polyester Elastomer
Buffer Diameter:	900 µm
Color code:	Per TIA/EIA 598-C
Strength Elements:	Aramid Yarns
Number of fibers:	12
Waterblocking:	Dry Waterblocking
Outer Jacket Color:	Black
Marking:	HY`Xcf`H57!\$- \$!%&'o6UHw`bc"!`A YHYfa Uf_]b[ q

## Standards

Applicable Standards:	IEC 60794, IEC 60794-1-2
Installation:	Guidelines as per IEC 60794-1-1 Annex A

## Performance

Tensile Strength - Short Term:	2500 N max.
Tensile Strength - Long Term:	1500 N max.
Impact Resistance:	2.2 N•m
Max. Crush Resistance:	800 N/cm
Min. Bend Radius for Installation:	20xD mm
Min. Bend Radius for Operation:	10xD mm
Repeated Bending:	10,000 cycles
Max. Operating Temperature:	+85 °C
Min. Operating Temperature:	-55 °C
Max. Storage Temperature:	+85 °C
Min. Storage Temperature:	-60 °C
UV resistance:	Yes
Waterblocking:	Yes