INDUSTRIAL FIBER OPTICS

Keyword or Part # search

Versatile Link VL/VL Harsh Environment Patch Cords, 2.00 m

Non-latching connectors, 1.0 mm POF core, dual-jacket cable with glass reinforcement

Industrial Fiber Optics manufactures multiple standard product lines of fiber optic patch cords with plastic optical fiber (POF) and Versatile Link (VL) terminations. As standard product lines they provide ready-made solutions for quick installations suitable for any commercial or industrial networking/communications applications using Broadcom Versatile Link fiber optic transmitters and receivers. These premier quality patch cords are available in simplex and duplex cable, latching and non-latching connectors, UL-rated and heavy-duty cable construction, plus many standard lengths.

This patch cord line utilizes high-quality Eska™ Premier GHTT4001 fiber cable which is dual-jacket fiber cable with a polyethylene inner jacket, layer of glass reinforcement fibers and an outer layer of PVC. This fiber cable provides additional strength and resistance to the elements that standard Versatile Link patch cords do not. Patch cord terminations are authentic Broadcom.

Suitable as a direct replacement where any standard Versatile Link cable made by Broadcom.

Part Number: IF 1N1Q-2-0

- Simplex, duplex, latching and non-latching connector options
- Heavy-duty fiber cable with dual jacket construction
- Crimped and epoxied connector terminations for maximum retention strength
- 1 µm polish terminations ensure high optical coupling efficiency
- Assembly processes exceed Broadcom recommended procedures

Structure

			Unit	Value
Fiber Cable	GHTT4001	Length	m	2.00 ±0.05
Connector One	HFBR-4501Z	Loss Typical (per term.)	dB	0.75
Connector Two	HFBR-4511Z	Loss Maximum (per term.)	dB	1.40
RoHS Compliant	Yes	Optical Loss	dB/m	.17 Max. @ 650 nm
		Operating Temperature	° C	-40 ~ 85
		Storage Temperature	° C	-40 ~ 85
		Fiber Tensile Strength	N	245
		Connector Retention Force	N	8.5