

Description

DME PROLINK field installable connector is a cost-effective, pre-polished connector, designed for ease of installation and re-use if so required. It requires no field polishing or epoxy, so no heat-curing devices nor special tooling are needed to facilitate the termination of the fiber. DME PROLINK quality personals ensures product reliability through rigorous qualification testing to assure cable performance and durability in adverse field environments. Excellent quality control is achieved through intense in-house quality check and stringent audit acceptance by ISO 9001.



Features & Benefits

- Short termination time – no epoxy, no baking.
- Available in SC/APC, SC/UPC, LC/UPC etc. | Available for “flat” as well as conventional tight-buffered cable.
- Operating Temperature Range: -30°C to +75°C | Storage Temperature Range: -40°C to +85°C
- Re-usable (Supports multiple terminations) | 25 Years System Warranty

Technical Characteristics of FIC

Parameters	Values
Fiber Diameter	Drop Cable 2.0 x 3.0mm & 3.0mm
End Face Polish	APC
Insertion Loss	Average value ≤0.25 dB; Max. value ≤ 0.4 dB
Return Loss	Min. > 45dB, Typ. > 55dB (SM Fiber APC polish) Min. > 55dB, Typ. > 55dB (SM fiber APC polish/ When used with Flat cleaver)
Fiber Retention Force	< 30N (< 0.2dB with impressed pressure)

Test Parameters (PASSED)

Parameters	Values
Twist Test	Condition: 7N load, 5 cycles in a test
Pull test	Condition: 10N load, 120sec
Drop test	Condition: At 1.5m, 10 repetitions
Durability test	Condition: 200 repetition of connecting/disconnecting
Vibrate test	Condition: 3 axes 2hr/axis, 1.5mm(peak-peak), 10 to 55Hz(45Hz/min)
Thermal Aging	Condition: +85°C ± 2°C, 96 hours
Humidity test	Condition: 90 to 95%RH, Temp 75°C for 168hrs
Thermal Cycle	Condition: -40 to 85°C, 21 cycles for 168 hours

Part Number

D1652-LCAS-F

Fiber Optic Field-Installable Connector, LC/APC, Single-mode, Flat Cable