

OPTICAL SOLUTIONS FOR EN4165 CONNECTORS

MODULES FOR LUXCIS® AND AMPHELUX® TERMINI

6 fiber optics termini per module
Thermal shocks - 65°C to +125°C
Endurance: 500 full modules mating and unmating cycles
10 contacts insertion in module cycles

MULTIMODE (PC)

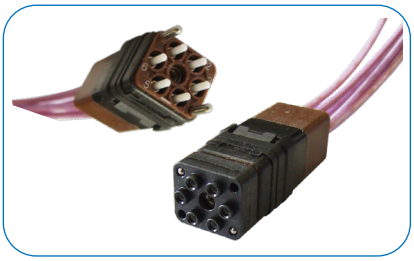
- IL 0,10 dB typical
- IL deviation 0,07 dB
- RL > 20 dB

SINGLEMODE (UPC)

- IL 0,15 dB typical
- IL deviation 0,10 dB
- RL > 50 dB

SINGLEMODE (APC)

- IL 0,20 dB typical
- IL deviation 0,12 dB
- RL > 60 dB



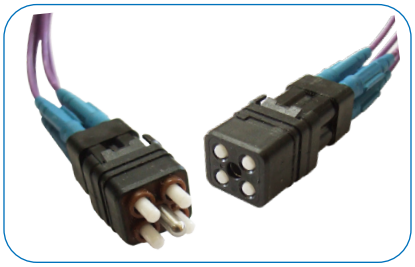
- Insert Standard: EN4830
- Termini Standard: EN4639-10x (Multimode)
  EN4639-30x (Singlemode)
- Optical measurements according EN2591-6xxx

MODULE FOR ELIO®, LUMIERE® AND ELIX® TERMINI

4 fiber optics termini per module
Thermal shocks - 65°C à +125°C
Endurance: 500 full modules mating and unmating cycles
10 contacts insertion in module cycles

MULTIMODE

- IL 0,30 dB typical
- IL deviation 0,20 dB
- RL > 30 dB



- Insert Standard: EN4701
- Termini Standard: EN4531-101
- Optical measurements according EN2591-6xxx

MODULE FOR MPO / MTP CONNECTOR

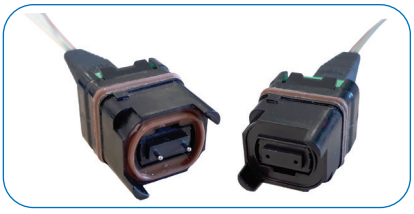
Thermal shocks - 65°C à +125°C
Endurance: 100 full modules mating and unmating cycles
10 contacts insertion in module cycles

MULTIMODE

- 12 optical ways
- IL 0,20 dB typical
- IL deviation 0,60 dB
- RL > 20 dB

SINGLEMODE (APC)

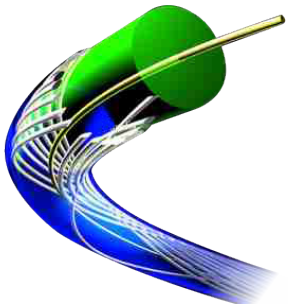
- 12 optical ways
- IL 0,25 dB typical
- IL deviation 0,75 dB
- RL > 60 dB



- MPO/MTP Connector Standard: IEC 61754-7
- Optical measurements according EN2591-6xxx

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OPTICAL SOLUTIONS FOR EN4165 CONNECTORS

SIMTAC® 03 MODULES AND CONTACTS

Module and contact for MT ferrules.

Thermal shocks - 55°C à +135°C
Endurance: 500 full mating and unmating cycles

MULTIMODE

- 12 or 24 optical ways (per contact)
- IL 0,35 dB for 95% of ways - Max 0,5 dB
- IL 0,20 dB typical
- Delta IL after test 0,70 dB Max
- RL > 20 dB



- Optical measurements according EN2591-6xxx.

SOME APPLICATION EXAMPLES

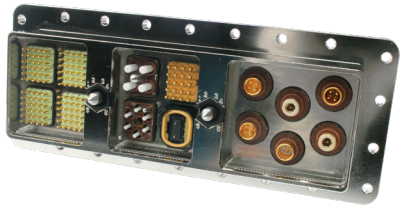
Sealed SIM serie II connectors





Sealed monomodule SIM connectors

Sealed SIM plates

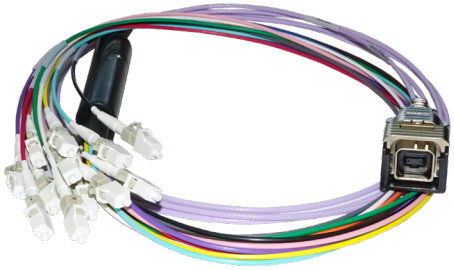


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  - Type of cable needed, standard, ref...
  - Required protection, shielding, continuity, mechanical protection
  - Marking
  - Length and derivation



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