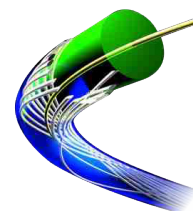


OPTICAL SOLUTIONS FOR EN4165 CONNECTORS



Aeronautics
Defence

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)

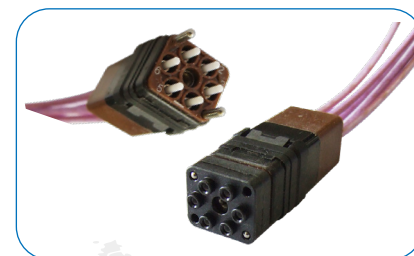
- IL 0,10 dB typical
- IL deviation 0,07 dB
- RL > 20 dB

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



EN4165 CONNECTORS WITH OPTICAL SOLUTIONS



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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

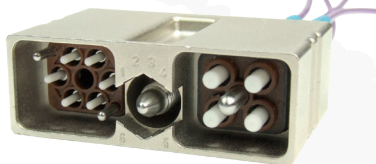
- 12 or 24 optical ways (per contact)
- IL 0,35 dB for 95% of ways - Max 0,5 dB
- IL 0,20 dB typical
- Delta IL after test 0,70 dB Max
- RL > 20 dB



- Optical measurements according EN2591-6xxx.

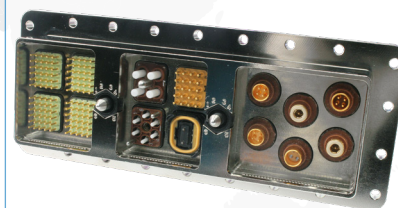
SOME APPLICATION EXAMPLES

Sealed SIM serie II connectors



Sealed monomodule
SIM connectors

Sealed SIM plates



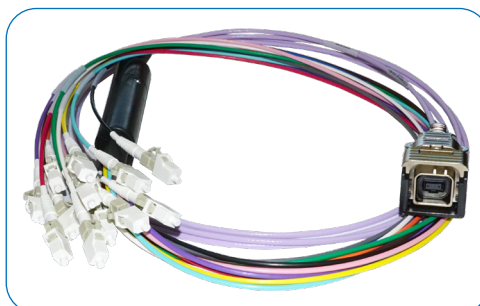
For any question about these products, please consult us.

AND ALSO...

We can also offer you our cable assemblies capabilities.
Consult us with:

- your plans
- your requirements / specifications
 - Type of cable needed, standard, ref...
 - Required protection, shielding, continuity, mechanical protection
 - Marking
 - Length and derivation

For more information on our optical capabilities,
scan the QR code.



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