



PreCONNECT® SEDECIM

Optimized for PAM4 coded High-Speed Multimode Applications

**MTP® 16 based cabling system -
perfect for multimode 400GBASE-SR8 applications**

PreCONNECT® SEDECIM is a comprehensive system for structured parallel optical multimode data transmission cabling based on MTP® 16 fibers.

Rosenberger OSI creates a particularly suitable cabling system for PAM4 coded multimode applications by optimizing the return loss of the MTP® 16.

System components

- Factory assembled fiber optic breakout cables, FRNC-LSZH indoor cables, up to $9 \times 16 = 144$ fibers with connector systems MTP® 16 fiber per MTP® channel
- Port-breakout with MTP®-LC harnesses and MTP® module cassettes with LC front
- Three 19" panel systems SMAP-G2 HD, SMAP-G2 UHD and DCP selectable

Applications

- 400GBASE-SR8
- Easy to migrate to 40/100/200GBASE-SR4

The benefits at a glance

- ✓ MTP® cabling system perfectly fitting for SR8 applications
- ✓ Increased and stable return loss for PAM4 coded multimode high-speed applications
- ✓ Totally reliable installation using plug & play system
- ✓ Flexibility of migration
- ✓ Highest quality and cost-efficiency through factory assembling

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Application scenarios for PreCONNECT® SEDECIM

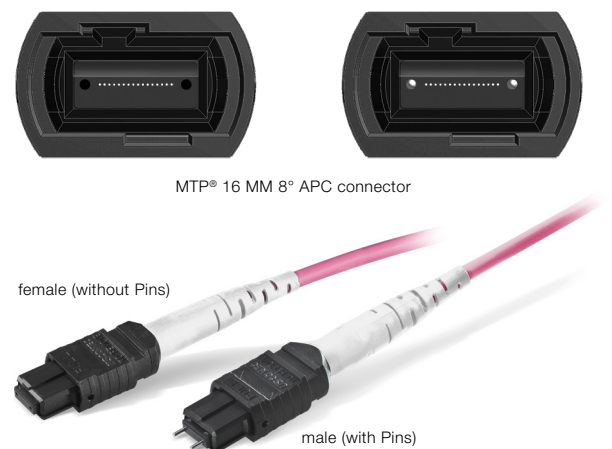
		Point-to-point	Port-Breakout with MTP® harness	Port-Breakout with MTP® module cassette
400GBASE-SR8 MPO Transceiver	PreCONNECT® SEDECIM breakout trunk	400GBASE-SR8 MPO-MPO	400GBASE-SR8 MPO to 8 x 50GBASE-SR LC-Duplex	400GBASE-SR8 MPO to 8 x 50GBASE-SR LC-Duplex
QSFP		part front plate	part front plate	module cassette
QSFP-DD				
PreCONNECT® SEDECIM patchcords	PreCONNECT® SMAP-G2 HD 19" panel system 3/3 width partition equipped with 1/3 MTP® part front plates	PreCONNECT® SEDECIM patchcord	PreCONNECT® SEDECIM MTP® harness	8 x LC-COMPACT patchcord
		400GBASE-SR8 MPO Transceiver	8 x 50GBASE-SR/SW LC-Duplex Transceiver	8 x 50GBASE-SR/SW LC-Duplex Transceiver

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The MTP® 16 fiber multimode:

To reach reliable high return loss in application, the MTP® 16 fiber multimode connectors of PreCONNECT® SEDECIM are **8° APC** polished and have a white boot as color code.

MTP® 16 fiber multimode connectors have an off-center key.



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