

ST Simplex optical adapters for Multimode fibres



P/N: 48MMTSTSBE

ST/ST simplex composite adapter MM SCS footprint, with black dust cap
Suitable for OM1/OM2/OM3/OM4

Applications

ST/ST adapters are considered to be one of the most common inter-connection devices in fiber optic networking. The most efficient simplex version allows for example 24 connections within the given space of 1U front plate of a patch panel. In the present version, the ST/ST simplex adapter for Multimode (MM) applications features a composite body with 2 screws, including one PhBr Phosphor Bronze. It allows loading ST adapters on SC simplex footprint panels.

General characteristics

- Optical adapters Multimode Simplex ST/ST,
- Composite body and centring sleeve made of PhBr Phosphor Bronze
- M2 screw required (not included)
- Packaging: pack of 6 units.

Physical properties

Centring outer diameter	2.5 mm +/- 0.001mm
Concentricity	0.001mm
Material of sleeves	PhBr Phosphor Bronze
Material of body	Composite, beige housing
Fixation mode	2 x screws M2 type
Connection to inserting connectors	Bayonet
Mating cycles	500. After 500, typical increase of <0.05dB

REF : 48 MMT STS BE

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Optical Performances

Typical Attenuation	< 0.2dB
Typical Return Loss	< -40 dB
Variations at low temperature (-10°C during 4 days)	< 0.3 dB
Variations at high temperature (60°C during 4 days)	< 0.3 dB
Variations at high humidity (90 à 95% @ 40°C during 4 days)	< 0.3 dB
Operating temperature range	-40°C to 85°C
Storage temperature range	-40°C to 90°C

Standards

Designed and tested to comply with the requirements of :	<ul style="list-style-type: none"> • TIA/EIA 604-2 • IEC, CECC, Telcordia (Bellcore)
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Related products

Part numbers	Description	Packing
48 MMT ST	Multimode simplex ST metal housing	Pack of 6
48 MMT STD BE	Multimode duplex ST composite beige housing	Pack of 6



48MMT ST



48MMT STD BE

Ordering information

Part number	Description	Packing
48 MMT STS BE	Multimode simplex ST composite beige housing	Pack of 6