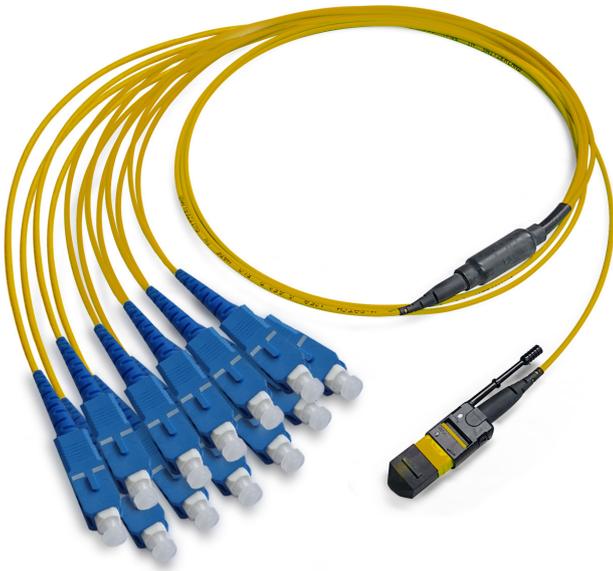# Fanout cable MTP-SC, 12 fibres OS2

for connecting active components

Description

Thin, very flexible fibre-optic fanout cable (round cable, Ø 2.0 mm) with 12 fibres.
Low fire load due to its halogen-free flame-retardant LS0H sheath.
Sticker labelling at both cable ends.
Breakout seperation is effected with a thin divider housing.
The legs (Ø 2.0 mm) with SC plugs are numbered (1-12).
The legs can be ordered graded in length or of equal length.
Project-specific assemblies are available on request.

Application

MTP-on-SC fanout cables are suitable for all high-performance applications in a data centre environment.
The connection between six duplex ports and one parallel optic port enables quick and space-saving cabling of active components such as routers, switches, servers and storage systems.
The fanout cables are assembled to a very high quality and guarantee optimum values for optical performance (IL/RL).

General properties

Outer sheath colour	yellow
Outer sheath material	FR/LSZH

Optical Properties

Fibre type	E9/125 G.652.D BLO
Colour code	IEC 60304
Connector type side A	MTP/APC
Connector gender side A	Female (unpinned)
Ferrule polishing connector A	Elite APC 8°
IL maximal, connector A	0.3 dB
IL typical, connector A	0.1 dB
RL minimal, connector A	65 dB
RL typical, connector A	70 dB
Connector type side B	SC/PC
Ferrule polishing connector B	PC 0°
IL maximal, connector B	0.25 dB
IL typical, connector B	0.1 dB
RL minimal, connector B	50 dB
RL typical, connector B	55 dB

Mechanical properties

Housing colour connector A	yellow
Housing colour connector B	blue

Scope of delivery

Fanout cable (FR/LS0H) with 12 fibres.
High-performance connector assembly with MTP Elite and SC.
MTP connectors incl. push-pull tabs.

Standards

LC standard (IEC)	IEC 61754-20
MTP standard (IEC)	IEC 61754-7, IEC 61755-3-31, IEC 61755-3-32
Polarity standard	TIA-568-C.3 Type A,B,C
Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2
Flame propagation	IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2
Flame spread	IEC 60332-3-24
Smoke density	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2

Versions

Material number	Product	Number of Fibres	Number of connectors side A	Number of connectors side B	Number of fibres per connector A	Number of fibres per connector B	Gradation	Packing unit	GTIN / EAN
473742	Fanout cable 1x MTP/APC - 12x SC/PC, equal length	12	1	12	12	1	equal length	1 pc.	40393910214765

MTP® and MTP Elite® are registered brands of US Conec.