# HD-DCS Fanout cables MTP-LCDU, 12 fibres OM4

for connecting active components

HD-DCS Fanout cables MTP-LCDU, 12 fibres OM4

## 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.
Available with 2.5 m standard length (other lengths on request).
Standard connectivity method can be type A or type C.
Sticker labelling at both cable ends.
Breakout seperation is effected with a thin divider housing.
The legs (Ø 2.0 mm) with LCD Uniboot (LCDU) plugs are numbered (1-6).
The legs can be ordered graded in length or of equal length.
Project-specific assemblies are available on request.

## Application

MTP-on-LCDU 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).

## Optical Properties

| | |
|---|---|
| Fibre type | G50/125 OM4 |
| Colour code | IEC 60304 |
| Connector type side A | MTP |
| Connector gender side A | female |
| Ferrule polishing connector A | Elite PC 0° |
| IL maximal, connector A | 0.25 dB |
| IL typical, connector A | 0.15 dB |
| RL minimal, connector A | 35 dB |
| RL typical, connector A | 45 dB |
| Connector type side B | LCDU |
| Ferrule polishing connector B | PC 0° |
| IL maximal, connector B | 0.25 dB |
| IL typical, connector B | 0.15 dB |
| RL minimal, connector B | 35 dB |
| RL typical, connector B | 45 dB |

## Scope of delivery

HD-DCS Fanout cables (FR/LS0H) with 12 fibres.
High-performance connector assembly with MTP Elite and LCD Uniboot Intelli-Cross Pro.
All connectors incl. push-pull tabs.
Sticker labelling at both cable ends.
Test reports (IL/RL) on all connectors.

## Standards

| | |
|---|---|
| Flame propagation | IEC 60332-1-2 |
| 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 |

## Note

Insertion Loss (IL) is determined by the latest measurement methods under EFL multimode excitation conditions (EFL = Encircled Flux Launch) at 850 nm in accordance with IEC 61280-4-1.

## Versions

<STEPTABLE O="STEP_PRODUCT_325213" OT="Product" TT="267772" VC="CTX_english" VO="935905" W="Approved" />

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