

DCS trunk cable, LCDU/PC - LCDU/PC, E9/125 G.652.D BLO

for interconnecting DCS breakout modules



DCS trunk cable, 6x LCDU/PC, G.652.D BLO

Description

Compact, metal-free cable construction with FR/LSOH cable sheath and 12 to 96 fibres.
 Sticker labelling at both cable ends.
 The length of individual cables ("legs") may be defined on the basis of a specific project (standard 0.75 m).
 The leg separation is effected with a divider housing.
 All individual cables are assembled using LCDU Intelli-Cross® Pro.
 Standard polarities are A to A or A to B.
 The cables are fitted at both ends with protective sleeves.

Application

OS2 LCDU-on-LCDU trunk cables are suitable for all high-performance applications with duplex and parallel optic signals in a data centre environment.
 They are particularly used when installation requires sturdy, metal-free indoor cables that provide enhanced crush resistance and rodent protection.
 For duplex applications, the pre-assembled connectors at either end of the cable are connected to the DCS modules.
 The DCS trunk cables are assembled to a very high quality and guarantee optimum values for optical performance (IL/RL).

Construction

| | |
|-----------------------|---------|
| Outer sheath colour | yellow |
| Outer sheath material | FR/LSZH |

General properties

| | |
|--------------------|--|
| Cable raw material | FO Indoor ZGGFR/SZGGFR / J-B(ZN)BH, B2ca |
|--------------------|--|

Optical Properties

| | |
|-------------------------------|--------------------|
| Fibre type | E9/125 G.652.D BLO |
| Colour code | IEC 60304 |
| Connector type side A | LCDU/PC |
| Ferrule polishing connector A | PC 0° |
| IL maximal, connector A | 0.25 dB |
| IL typical, connector A | 0.12 dB |
| RL minimal, connector A | 50 dB |
| RL typical, connector A | 55 dB |
| Connector type side B | LCDU/PC |
| Ferrule polishing connector B | PC 0° |
| IL maximal, connector B | 0.25 dB |
| IL typical, connector B | 0.12 dB |
| RL minimal, connector B | 50 dB |
| RL typical, connector B | 55 dB |

Mechanical properties

| | |
|----------------------------|------|
| Housing colour connector A | blue |
| Housing colour connector B | blue |

Standards

| | |
|---------------------------------|---|
| Smoke density | IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2 |
| 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 |

Versions

| Material number | Product | Outer sheath colour | Number of fibres | Fibre type | Outer sheath material | Outer sheath diameter [mm] | Polarity | 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 |
|-----------------|---|---------------------|------------------|--------------------|-----------------------|----------------------------|----------|-----------------------------|-----------------------------|----------------------------------|----------------------------------|------------------|--------------|------------|
| 47406100ZY | DCS trunk cable 6x LCDU/PC - 6x LCDU/PC | yellow | 12 | E9/125 G.652.D BLO | FR/LSZH | 5.9 | A to A | 6 | 6 | 2 | 2 | graduated length | by the metre | |
| 47406300ZY | DCS trunk cable 12x LCDU/PC - 12x LCDU/PC | yellow | 24 | E9/125 G.652.D BLO | FR/LSZH | 9.9 | A to A | 12 | 12 | 2 | 2 | graduated length | by the metre | |
| 47406500ZY | DCS trunk cable 24x LCDU/PC - 24x LCDU/PC | yellow | 48 | E9/125 G.652.D BLO | FR/LSZH | 9.9 | A to A | 24 | 24 | 2 | 2 | graduated length | by the metre | |
| 47406700ZY | DCS trunk cable 48x LCDU/PC - 48x LCDU/PC | yellow | 96 | E9/125 G.652.D BLO | FR/LSZH | 12.9 | A to A | 48 | 48 | 2 | 2 | graduated length | by the metre | |
| 47409100ZY | DCS trunk cable 6x LCDU/PC - 6x LCDU/PC | yellow | 12 | E9/125 G.652.D BLO | FR/LSZH | 5.9 | A to B | 6 | 6 | 2 | 2 | graduated length | by the metre | |

| Material number | Product | Outer sheath colour | Number of fibres | Fibre type | Outer sheath material | Outer sheath diameter [mm] | Polarity | 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 |
|-----------------|---|---------------------|------------------|--------------------|-----------------------|----------------------------|----------|-----------------------------|-----------------------------|----------------------------------|----------------------------------|------------------|--------------|------------|
| 47409300ZY | DCS trunk cable 12x LCDU/PC - 12x LCDU/PC | yellow | 24 | E9/125 G.652.D BLO | FR/LSZH | 9.9 | A to B | 12 | 12 | 2 | 2 | graduated length | by the metre | |
| 47409500ZY | DCS trunk cable 24x LCDU/PC - 24x LCDU/PC | yellow | 48 | E9/125 G.652.D BLO | FR/LSZH | 9.9 | A to B | 24 | 24 | 2 | 2 | graduated length | by the metre | |
| 47409700ZY | DCS trunk cable 48x LCDU/PC - 48x LCDU/PC | yellow | 96 | E9/125 G.652.D BLO | FR/LSZH | 12.9 | A to B | 48 | 48 | 2 | 2 | graduated length | by the metre | |

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Subject to technical modification

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