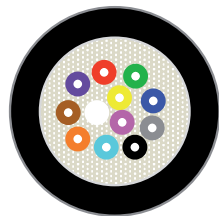




HITRONIC® HDM Cable

Mini breakout/distribution cable designed for frequent reeling and unreeling, reelable



Info

- Mobile field cables

Benefits

- Suitable for field application
- Reelable for mobile use
- Very easy to install due to small dimensions, high flexibility, and small bending radius
- Zero electromagnetic interference as the cable contains no metal (totally dielectric)

Application range

- Light & sound technology
- For indoor and outdoor use
- Industrial environments
- TV broadcasts
- Camera technology
- Building monitoring
- Field application

Product features

- Based on military norm MIL-C-85045
- Highly flexible, reelable and tensile strength
- Colour-coded tight buffered fibres for easy channel identification
- Outer sheath halogen-free
- Mechanically robust

Product Make-up

- Up to 12 tight-buffered fibres (900µm)
- Colour-coded
- Aramid yarns as strain relief
- PUR outer sheath
- Colour: black (RAL 9005)

Technical data

| | |
|--|--|
| | Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000034 ETIM 5.0/6.0 Class-Description: Fibre optic cable |
| | Dimensions tight-buffer (secondary coated fibre): 900µm Cable: see table |
| | Core identification code Buffered-fibre colour code see data sheet |
| | Fibre type GOF - Glass Optical Fibre |
| | Standard designation A/J-V(ZN)11Y |
| | Optical values see data sheet |
| | Optical fibre type Core material: glass Cladding material: glass |
| | Permissible bending radius Static: ≥ 15 x outer diameter Dynamic: ≥ 20 x outer diameter |
| | Temperature range Fixed installation: -40°C to +70°C Flexible use: -20°C to +60°C |

| Article number | Article designation | Fibre type | Number of fibres | Outer diameter [mm] | Weight (kg/km) |
|-----------------------------|----------------------------------|--------------|------------------|---------------------|----------------|
| Multimode G 50 OM4 | | | | | |
| 26610404 | HITRONIC® HDM600 4G 50/125 OM4 | 50/125 OM4 | 4 | 5.5 | 24 |
| 26610406 | HITRONIC® HDM600 6G 50/125 OM4 | 50/125 OM4 | 6 | 5.6 | 29 |
| 26610408 | HITRONIC® HDM700 8G 50/125 OM4 | 50/125 OM4 | 8 | 6.2 | 36 |
| Multimode G 50 OM3 | | | | | |
| 26610304 | HITRONIC® HDM600 4G 50/125 OM3 | 50/125 OM3 | 4 | 5.5 | 24 |
| 26610306 | HITRONIC® HDM600 6G 50/125 OM3 | 50/125 OM3 | 6 | 5.6 | 29 |
| 26610308 | HITRONIC® HDM700 8G 50/125 OM3 | 50/125 OM3 | 8 | 6.2 | 36 |
| Multimode G 50 OM2 | | | | | |
| 26610204 | HITRONIC® HDM600 4G 50/125 OM2 | 50/125 OM2 | 4 | 5.5 | 24 |
| 26610206 | HITRONIC® HDM600 6G 50/125 OM2 | 50/125 OM2 | 6 | 5.6 | 29 |
| 26610208 | HITRONIC® HDM700 8G 50/125 OM2 | 50/125 OM2 | 8 | 6.2 | 36 |
| Multimode G 62.5 OM1 | | | | | |
| 26610104 | HITRONIC® HDM600 4G 62.5/125 OM1 | 62.5/125 OM1 | 4 | 5.5 | 24 |
| 26610106 | HITRONIC® HDM600 6G 62.5/125 OM1 | 62.5/125 OM1 | 6 | 5.6 | 29 |
| 26610108 | HITRONIC® HDM700 8G 62.5/125 OM1 | 62.5/125 OM1 | 8 | 6.2 | 36 |
| Single-mode E 9 OS2 | | | | | |
| 26610904 | HITRONIC® HDM600 4E9/125 OS2 | 9/125 OS2 | 4 | 5.5 | 24 |
| 26610906 | HITRONIC® HDM600 6E9/125 OS2 | 9/125 OS2 | 6 | 5.6 | 29 |
| 26610908 | HITRONIC® HDM700 8E9/125 OS2 | 9/125 OS2 | 8 | 6.2 | 36 |
| 26610912 | HITRONIC® HDM700 12E9/125 OS2 | 9/125 OS2 | 12 | 6.7 | 49 |

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
The cables can also be supplied as pre-terminated fibre optic trunks.
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- GOF DUPLEX Patchcord refer to page 514
- STAR STRIP stripping tool refer to page 985