

FO cable - PSM-LWL-HCS-RUGGED-200/230 - 2799885

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HCS cable, duplex 200/230 µm, by the meter, without connector, for indoor installation



Why buy this product

- ✓ 2.9 mm individual wires made from highly flexible FRNC material
- ✓ Rugged installation cable for indoor use
- ✓ Highly tear-resistant aramid strain relief elements
- ✓ Rugged polyurethane (PUR) outer sheath
- ✓ Halogen-free, ozone, and UV resistant

Key commercial data

Packing unit	1 M
GTIN	 4 017918 074159
Weight per Piece (excluding packing)	47.0 g
Custom tariff number	85447000
Country of origin	Germany

Technical data

Mechanical characteristics

Fiber	HCS, 200/230 µm
Cable diameter	8 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
	-20 °C ... 70 °C (with quick mounting connector)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Altitude	5000 m

Material data

Outer sheath, material	PUR
External sheath, color	orange

Line characteristics

Cable type	HCS
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Technical data

Line characteristics

Cable abbreviation	I-VH11Y 2K200/230 HCS
Length of cable	Free input (1.0 ... 2000 m)
External cable diameter	8 mm
Wire colors	Red/Green
External sheath, color	orange
Outer sheath, material	PUR
Cable weight	54 kg/km
Bending radius, single element	30 mm (Short-term) 50 mm (Permanent)
Bending radius, entire cable	65 mm (Short-term) 65 mm (Permanent)
Impact strength	2 Nm / 10 x
cable layer type	Indoors
Halogen-free	According to IEC 60754-2
Resistance to oil	IRM 902 No.2, 100 °C, DIN VDE 0473-811-2-1

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C -20 °C ... 70 °C (with quick mounting connector)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Altitude	5000 m

Classifications

eCl@ss

eCl@ss 4.0	27061001
eCl@ss 4.1	27061001
eCl@ss 5.0	27061803
eCl@ss 5.1	27061803
eCl@ss 6.0	27061803
eCl@ss 7.0	27061803
eCl@ss 8.0	27061803

ETIM

ETIM 2.0	EC000752
ETIM 3.0	EC000752
ETIM 4.0	EC000752
ETIM 5.0	EC000830

UNSPSC

UNSPSC 6.01	26121607
UNSPSC 7.0901	26121607

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Classifications

UNSPSC

UNSPSC 11	26121607
UNSPSC 12.01	26121607
UNSPSC 13.2	26121607

Accessories

Accessories

Assembly tool

Assembly tool - PSM-HCS-KONFTOOL - 2799526



HCS assembly kit for F-SMA quick mounting connectors, including stripping blade, stripping pliers, aramide yarn scissors, fiber stripper, microscope, fiber cleaving tool for standard HCS fibers, and documentation

Assembly tool - PSM-HCS-KONFTOOL/B-FOC - 2708465



HCS assembly kit for B-FOC (ST) quick mounting connectors, including stripping blade, stripping pliers, aramide yarn scissors, fiber stripper, microscope, fiber cleaving tool for standard HCS and HCS GI fibers, and documentation

Assembly tool - PSM-HCS-KONFTOOL/SC-RJ - 2708876



HCS assembly kit for SCRJ quick mounting connectors, including stripping blade, stripping pliers, aramide yarn scissors, fiber stripper, microscope, fiber cleaving tool for standard HCS and HCS GI fibers, and documentation

Assembly tool - PSM-HCS-CLEAVETOOL - 2744995



Fiber cleaving tool for HCS fibers, pin assignment: F-SMA for the assembly of F-SMA quick mounting connectors, supplements PSM-HCS-KONFTOOL...

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Accessories

Assembly tool - PSM-HCS-CLEAVETOOL/B-FOC - 2708478



Fiber cleaving tool for HCS fibers, pin assignment: B-FOC (ST) for the assembly of B-FOC quick mounting connectors, supplements PSM-HCS-KONFTOOL...

Assembly tool - PSM-HCS-CLEAVETOOL/SCRJ - 2313122



Fiber cleaving tool for HCS fibers, pin assignment: SCRJ or SC duplex for the assembly of SC quick mounting connectors, supplements PSM-HCS-KONFTOOL...

Stripping tool - PSM-FO-STRIP - 2744199



Stripping pliers for transmitting individual elements of the fiber optic cable. Especially suited for all polymer and HCS cables. Special mechanics and precise blade form avoid damage to the fiber optic fibers. Dimensions: (L x W x H) 160 x 130 x 36 mm.

Connector set

FO connectors - PSM-SET-FSMA/4-HCS - 2799487



F-SMA plug set for HCS fiber, for self assembly consisting of 4 quick mounting connectors with bend protection sleeve

FO connectors - PSM-SET-B-FOC/4-HCS - 2708481



B-FOC (ST) connector set for HCS fiber, for self assembly consisting of 4 quick mounting connectors with bend protection sleeve

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Accessories

FO connectors - PSM-SET-SCRJ-DUP/2-HCS - 2313070



SCRJ connector set for HCS fiber, for self assembly, consisting of 2 duplex quick mounting connectors with bending protection

Data cable preassembled

FO patch cable - FOC-HCS-RUGGED-1014/IP20/... - 2901555



rugged HCS installation cable (IP20 heads only) for inner areas with highly tear-proof aramid strain-relief elements. Individual elements made from highly flexible FRNC material. The cable is halogen-free, ozone and UV resistant and has a rugged polyurethane (PUR) outer sheath.

FO patch cable - FOC-HCS-RUGGED-1014/... - 1402191



rugged HCS installation cable for inner areas with highly tear-proof aramid strain-relief elements. Individual elements made from highly flexible FRNC material. The cable is halogen-free, ozone and UV resistant and has a rugged polyurethane (PUR) outer sheath.