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# FO cable - PSM-LWL-HCSO-200/230-METER - 2799445

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

## Why buy this product

- Watertight lengthwise
- Integrated vapor barrier and rodent-proof scrim
- Extremely rugged polyethylene outer sheath
- Extremely rugged polyethylene outer sheath
- Rugged round cable for outdoor installation
- 2.9 mm individual wires made from highly flexible FRNC material
- Ozone and UV resistant
- Ozone and UV resistant

## Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 530 (IF-2011)
GTIN	 4 017918 138813
Custom tariff number	85447000
Country of origin	GERMANY

## Technical data

### Mechanical characteristics

Fiber	HCS, 200/230 µm
Cable diameter	10.5 mm
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C

### Material data

Outer sheath, material	PE
External sheath, color	black

### Line characteristics

Cable type	HCS
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# FO cable - PSM-LWL-HCSO-200/230-METER - 2799445

## Technical data

### Line characteristics

Cable abbreviation	AT-VQHB2Y 2K200/230 10A17+8B20
Length of cable	Free entry (1.0 ... 1000.0 m)
External cable diameter	10.5 mm
Wire colors	Red/Green
External sheath, color	black
Cable, attenuation	10 dB/km (at 660 nm), 8 dB/km (at 850 nm)
Outer sheath, material	PE
Strain relief elements, external sheath	Non-metallic, aramide fiber
Cable weight	97 kg/km
Tensile strength short-term/long-term	1500 N / 200 N
Lateral pressure short term	500 N/cm
Lateral pressure, long-term	300 N/cm
Impact strength	1,5 Nm / 3 x
cable layer type	Outdoors
Halogen-free	According to IEC 60754-2

### Temperature data

Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Altitude	5000 m

## Classifications

### ETIM

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

### UNSPSC

UNSPSC 11	26121607
UNSPSC 12.01	26121607
UNSPSC 13.2	26121607
UNSPSC 6.01	26121607
UNSPSC 7.0901	26121607

### 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

## FO cable - PSM-LWL-HCSO-200/230-METER - 2799445

### Accessories

#### Accessories

#### Cable/conductor

FO patch cable - FOC-HCSO-1015/IP20/... - 2901557



Highly rugged HCS round cable (IP20 heads only) for assembly and for outdoor installation with integrated moisture barrier as well as rodent-proof scrim. Individual elements made from highly flexible FRNC material. The wire is ozone and UV resistant with a very rugged polyethylene outer sheath.

FO patch cable - FOC-HCSO-1015/... - 1402192



Highly rugged HCS round cable for assembly and for outdoor installation with integrated moisture barrier as well as rodent-proof scrim. Individual elements made from highly flexible FRNC material. The wire is ozone and UV resistant with a very rugged polyethylene outer sheath.

### Plug/Adapter

FO plug 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 plug 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

FO plug 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

### Tools

## FO cable - PSM-LWL-HCSO-200/230-METER - 2799445

### Accessories

#### 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

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#### 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

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#### 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

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#### 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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#### 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...

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#### 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...

## FO cable - PSM-LWL-HCSO-200/230-METER - 2799445

### Accessories

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