

# PSM-LWL-HCSO-200/230


Order No.: 2799445



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2799445>

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

## Commercial data

GTIN (EAN)	 4 017918 138813
Note	Made-to-order
sales group	H628
Pack	1 m
Customs tariff	85447000
Catalog page information	Page 530 (IF-2011)

## Product notes

WEEE/RoHS-compliant since:  
07/17/2006



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## 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

#### Optical characteristics

Wavelength	660 nm
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#### Line characteristics

Cable type	HCS
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

#### Accessories

Item	Designation	Description
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#### Cable/conductor

1402192	FOC-HCSO-1015/...	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.
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2901557	FOC-HCSO-1015/IP20/...	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.
<b>Plug/Adapter</b>		
2708481	PSM-SET-B-FOC/4-HCS	B-FOC (ST) connector set for HCS fiber, for self assembly consisting of 4 quick mounting connectors with bend protection sleeve
2799487	PSM-SET-FSMA/4-HCS	F-SMA plug set for HCS fiber, for self assembly consisting of 4 quick mounting connectors with bend protection sleeve
2313070	PSM-SET-SCRJ-DUP/2-HCS	SCRJ connector set for HCS fiber, for self assembly, consisting of 2 duplex quick mounting connectors with bending protection
<b>Tools</b>		
2744995	PSM-HCS-CLEAVETOOL	Fiber cleaving tool for HCS fibers, pin assignment: F-SMA for the assembly of F-SMA quick mounting connectors, supplements PSM-HCS-KONFTOOL...
2708478	PSM-HCS-CLEAVETOOL/B-FOC	Fiber cleaving tool for HCS fibers, pin assignment: B-FOC (ST) for the assembly of B-FOC quick mounting connectors, supplements PSM-HCS-KONFTOOL...
2313122	PSM-HCS-CLEAVETOOL/SCRJ	Fiber cleaving tool for HCS fibers, pin assignment: SCRJ or SC duplex for the assembly of SC quick mounting connectors, supplements PSM-HCS-KONFTOOL...
2799526	PSM-HCS-KONFTOOL	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
2708465	PSM-HCS-KONFTOOL/B-FOC	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
2708876	PSM-HCS-KONFTOOL/SC-RJ	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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