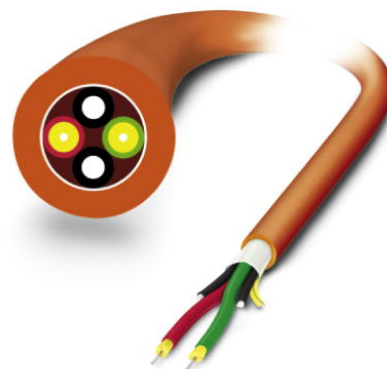



# PSM-LWL-HCS-RUGGED-200/230

Order No.: 2799885



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=2799885>

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

Commercial data	
EAN	4  017918 074159
Note	Made-to-order
sales group	H628
Pack	1 m
Customs tariff	85447000
Gross weight in pieces	0.047 KG
Net weight per piece	0.047 KG
Catalog page information	Page 392 (C-8-2013)

#### Product notes

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



<http://www.download.phoenixcontact.com>  
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Technical data	
<b>Mechanical characteristics</b>	
Fiber	HCS, 200/230 µm
Cable diameter	8 mm
<b>Ambient conditions</b>	
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
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
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

#### Certificates / Approvals

Certification

Certifications applied for:

Certification Ex:

<b>Accessories</b>		
Item	Designation	Description
<b>Cable/conductor</b>		
1402191	FOC-HCS-RUGGED-1014/...	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.
2901555	FOC-HCS-RUGGED-1014/IP20/...	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.
<b>Connector/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>		
2744199	PSM-FO-STRIP	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.
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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