



Pushing Performance  
Since 1945

# HARTING SEA CABLE S/FTP CAT 7 500m

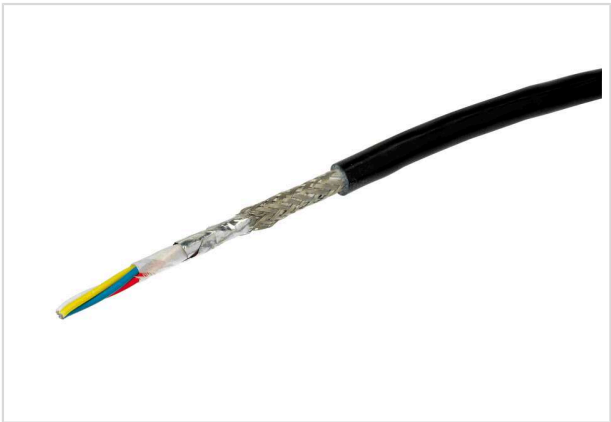


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Part number	09 45 600 0523
Specification	HARTING SEA CABLE S/FTP CAT 7 500m
HARTING eCatalogue	<a href="https://harting.com/09456000523">https://harting.com/09456000523</a>

## Identification

Category	System cabling
Element	Bulk cables
Specification	Not assembled
Type of cable	Copper cable (round)
Features	Flame retardant, halogen free and RoHS compliant Oil and UV resistant

## Version

Cable length	500 m
Number of cores	8
Core structure	4x 2x AWG 26/7

## Technical characteristics

Transmission characteristics	Cat. 7 Class F up to 600 MHz
Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	2.5 Gbit/s
	5 Gbit/s
	10 Gbit/s
Limiting temperature	-40 ... +80 °C
Cable diameter	7.1 mm
Minimum bending radius	10x Cable diameter (repeated bending)
	5x Cable diameter (singular bending)
Test voltage U <sub>r.m.s.</sub>	1 kV Wire / wire / shielding



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## Technical characteristics

Coupling attenuation @ 20 °C / 10 MHz	10 mΩ/m
Conductor resistance @ 20 °C	≤290 Ω/km
Insulation resistance @ 20 °C	≥500 MΩ x km
Signal run time @ 20 °C	≤5.3 ns/m
Impedance @ 100 MHz	100 Ω ±5 %

## Material properties

Material (cable)	FRNC (LSZH)
Colour (cable)	Black
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained

## Specifications and approvals

Specifications	IEC 60754-2 Non corrosive
	IEC 61034 Smoke density
	IEC 60811-404 Oil resistance
	IEC 60332-1-2 Flame retardancy
	IEC 60332-3-22 Flame retardancy
	Directive 2011/65/EU
	Directive 2015/863/EU
Approvals	DNV GL

## Commercial data

Packaging size	1
Country of origin	Germany
European customs tariff number	85444290
GTIN	5713140273658
eCl@ss	27061801 Data and communication cable (copper)
ETIM	EC003249
UNSPSC 24.0	26121609