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Pushing Performance

HARTING SEA CABLE S/FTP CAT 7 100m

Image is for illustration purposes only. Please refer to product description.

Part number	09 45 600 0525
Specification	HARTING SEA CABLE S/FTP CAT 7 100m
HARTING eCatalogue	https://b2b.harting.com/09456000525

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	100 m
Number of cores	8
Core structure	4x 2x AWG 26/7

Technical characteristics

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 $U_{r.m.s.}$	1 kV Wire / wire / shielding
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

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HARTING Customised Solutions GmbH & Co. KG | In der Tütenbeke 22 | 32339 Espelkamp | Germany
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Technical characteristics

Coupling attenuation @ 20 °C / 100 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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

Specifications and approvals

Specifications	IEC 60754-2 Non corrosive
	IEC 61034 Smoke density
	IEC 60811-2-1 Oil resistancy
	IEC 60332-1-2 Flame retardancy
	IEC 60332-3-22 (category A) Flame retardancy
	Directive 2011/65/EU
	Directive 2015/863/EU RoHS 3
Approvals	DNV GL

Commercial data

Packaging size	1
Net weight	5,981 g
Country of origin	Romania
European customs tariff number	85444995
eCl@ss	27061801 Data and communication cable (copper)

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