

HAR SERCOS III TypC 4xAWG22/7 trail 100m

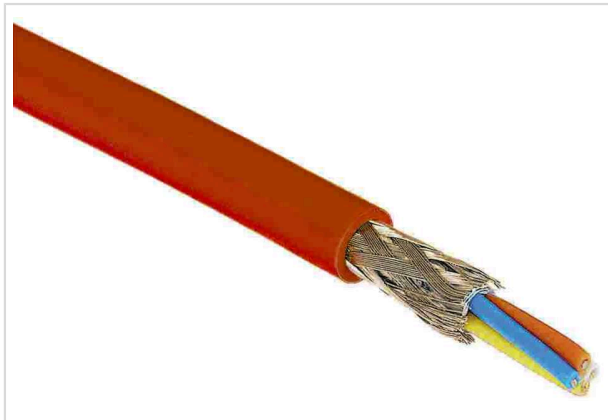


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Part number	09 45 600 0107
Specification	HAR SERCOS III TypC 4xAWG22/7 trail 100m
HARTING eCatalogue	https://harting.com/09456000107

Identification

Category	System cabling
Element	Bulk cables
Specification	Not assembled
Type of cable	Copper cable (round)
Description of the cable	Flame retardant
	Halogen-free
	UV resistant
	Oil resistant
Printing on cable	HARTING SERCOS III CAT5e * 22AWG (SHIELDED) (UL)E333432 CMX 75 °C VERIFIED CAT 5E PATCH CABLE FRNC* 094560001010200 „sequential length in meters“ „internal lot number“

Version

Cable length	100 m
Number of cores	4
Core structure	4x AWG 22/7

Technical characteristics

Transmission characteristics	Cat. 5 Class D up to 100 MHz
Data rate	10 Mbit/s
	100 Mbit/s
Limiting temperature	-40 ... +70 °C unmoved
	-20 ... +60 °C moved
Cable diameter	6.3 ... 6.7 mm
Minimum bending radius	5x Cable diameter (repeated bending)
	3x Cable diameter (singular bending)



Pushing Performance
Since 1945

Technical characteristics

Drag chain compatible	Yes
Bending cycles	$\geq 3.000.000$ & traversing distance ≤ 0.2 m & speed ≤ 4 m/s & acceleration ≤ 4 m/s ²
Tensile strength	≤ 150 N
Test voltage $U_{r.m.s.}$	2 kV Wire / wire / shielding
Coupling attenuation @ 20 °C / 10 MHz	20 mΩ/m
Conductor resistance @ 20 °C	≤ 120 Ω/km
Insulation resistance @ 20 °C	≥ 500 MΩ x km
Impedance @ 100 MHz	100 Ω ± 5 %

Material properties

Material (cable)	PUR (polyurethane)
Colour (cable)	Red
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	ISO/IEC 11801 EN 50173 IEC 24702 EN 50173-3 IEC 61918 EN 50288-2-1 IEC 61156-5 IEC 60332-1-2 Flame retardancy EN 60811-2-1 Oil resistance
UL / CSA	UL 444 DUZX.E333432 CSA-C22.2 No. 214 DUZX7.E333432
Standards	SERCOS III Type C

Commercial data

Packaging size	1
Net weight	6,400 g
Country of origin	Germany



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Commercial data

European customs tariff number	85444290
GTIN	5713140273481
ETIM	EC003249
eCl@ss	27061801 Data and communication cable (copper)