

50m cable ring PUR 8x0.5+3x1.0 GY hf

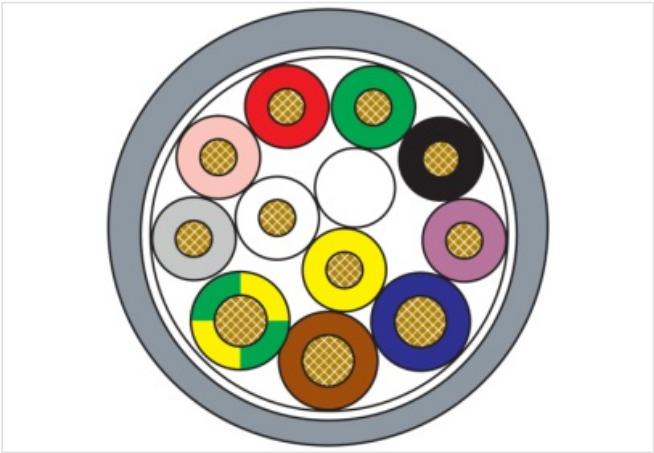
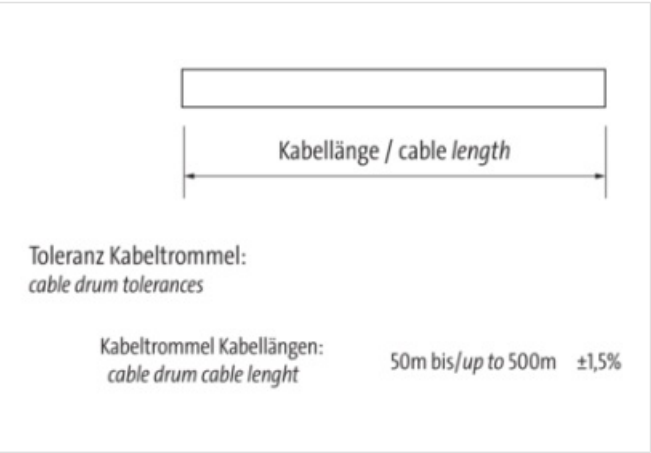
drag chain

Art.No.: 8000-00000-4475000
Weight: 7.600 kg
Country of origin: IT
Model designation: MVZ-L-50m 447

8-way distribution boxes M12
PUR (UL/CSA)
8× 0.5 + 3× 1.0 mm²

Link to Product

Illustration



Product may differ from Image



Header

Material short text MVZ-L-50m 447

Commercial data

URL Webshop	https://shop.murrelektronik.com/8000-00000-4475000
GTIN	4048879377492
ECLASS-6.0	27062011
ECLASS-6.1	27061801
ECLASS-7.0	27061801
ECLASS-7.1	27061801
ECLASS-8.0	27061801
ECLASS-8.1	27061801
ECLASS-9.0	27061801
ECLASS-9.1	27061801
ECLASS-10.0.1	27061801
ECLASS-10.1	27061801
ECLASS-11.0	27061801
ECLASS-11.1	27061801
ECLASS-12.0	27061801
ECLASS-13.0	27061801

ECLASS-14.0	27061801
ETIM-5.0	EC001578
ETIM-6.0	EC001578
customs tariff number	85444995
EAN	4048879377492
Packaging unit	1
Installation Cable	
Cable identification	447
Cable Type	3
Function cable	Hybrid, Signal, Power
Stranding	1 × 2 wires stranded with filler
Stranding factor min.	51 mm
Stranding factor max.	51 mm
Amount stranding (type 2)	1
Stranding (type 2)	1 × 9 wires stranded in opposite direction around stranding combination
Stranding factor min. (type 2)	100 mm
Stranding factor max. (type 2)	100 mm
Banding	Fleece
Filler	Yes
Wire arrangement	(white, yellow), gray, pink, red, green, black, violet, blue, brown, green-yellow
Cable weighth	133 g/m
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1,6 mm
Outer diameter tolerance core insulation	± 0,1 mm
Shore hardness wire insulation	70 Shore D ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, LABS-free, silicone-free
Amount strands (wire)	64
Diameter of single wires	0,1 mm
Conductor crossection (wire)	0,5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Electrical function wire	Signal
Material wire insulation (type 2)	PP
Outer diameter wire insulation (type 2)	2,1 mm
Tolerance outer diameter wire insulation (type 2)	± 0,1 mm
Shore hardness wire insulation (type 2)	70 Shore D ± 5 Shore D
Ingredient freeness wire insulation (type 2)	lead-free, cadmium-free, CFC-free, halogen-free, LABS-free, silicone-free
Amount wires (type 2)	3
Amount strands wire (type 2)	128
Diameter of single wires (type 2)	0,1 mm
Conductor crossection wire (type 2)	1 mm ²
Material conductor wire (type 2)	Stranded copper wire, bare
Wire conductor type (type 2)	strand class 6
Electrical function wire (type 2)	Power
Outer-diameter (jacket)	9,4 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	85 ± 3 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, LABS-free, silicone-free
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Conductor resistance (wire)	39 Ω/km @ 20 °C
Conductor resistance (wire type 2)	19.5 Ω/km @ 20 °C

Max. rated voltage (conductor - ground)	300 V
Max. rated voltage (conductor - conductor)	500 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	5,9 A
Current load capacity max. Wire (type 2)	15 A
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (drag chain)	-5 °C
Operating temperature max. (drag chain)	60 °C
Flame resistance	IEC 60332-1-2
Oil resistance	ISO 19642-3
Chemical resistance	ISO 19642-3
Ozone resistance	IEC 60811-403
UV resistance	UL 1581 § 1200
Other resistances	resistance to gasoline (ISO 19642-3), resistant to mineral oils, greases, machine and gear oils and cooling lubricants, resistant to hydrolysis, resistant to microbes
Bending radius (fixed)	7.5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
Acceleration (C-track)	10 m/s² @ 25 °C

Connection type 1

Family construction form	free cable end
No. of poles	11
Color contact carrier	gray