

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

signals two-colored, drag chain + torsion

Art.No.: 8000-00000-4485000

Weight: 7.500 kg

Country of origin: IT

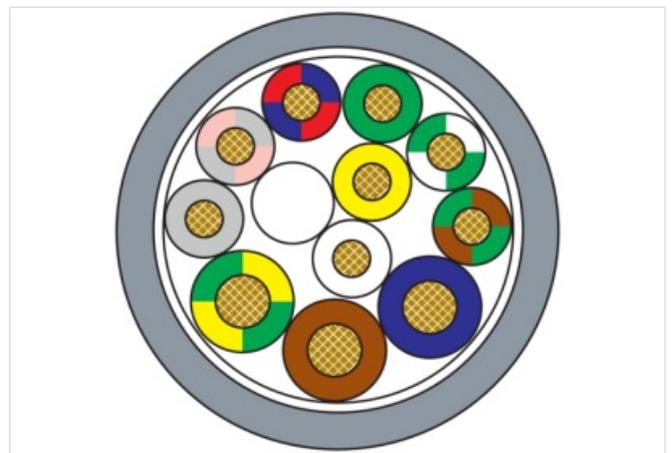
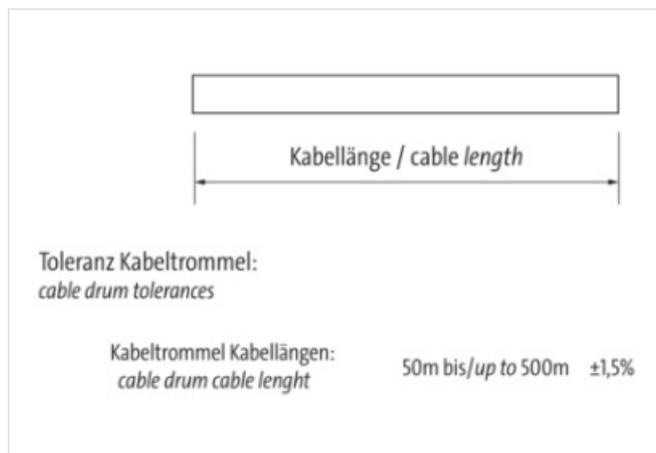
Model designation: MVZ-L 50M 448

4-way distribution boxes M12

8× 0.5 + 3× 1.0 mm²

Link to Product

Illustration



Product may differ from Image



Header

Material short text MVZ-L 50M 448

Commercial data

URL Webshop	https://shop.murrelektronik.com/8000-00000-4485000
GTIN	4048879057073
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	4048879057073
Packaging unit	1
Installation Cable	
Cable identification	448
Cable Type	3
Function cable	Hybrid
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
Stranding factor min. (type 2)	100 mm
Stranding factor max. (type 2)	100 mm
Banding	Fleece
Filler	Yes
Wire arrangement	(yellow, white), gray, gray-pink, red-blue, green, green-white, brown-green, 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 ± 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 crosssection (wire)	0,5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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 ± 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 crosssection wire (type 2)	1 mm ²
Material conductor wire (type 2)	Stranded copper wire, bare
Wire conductor type (type 2)	strand class 6
Outer-diameter (jacket)	9 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	94 ± 5 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	good
Chemical resistance	good
Ozone resistance	IEC 60811-403
UV resistance	UL 1581 § 1200
Other resistances	resistant to mineral oils, greases, machine and gear oils and cooling lubricants, good resistance to gasoline, 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)	5 m @ 25 °C horizontal
Travel speed (C-track)	2 m/s @ 25 °C
Acceleration (C-track)	5 m/s ² @ 25 °C
No. of torsion cycles	0.5 Mio. @ 25 °C
Torsion stress	± 180 °/m

Connection type 1

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