

Conductor
Red copper
Class 5 according to IEC 60228
Except 0.34mm²: 7×0.25mm

Isolation:
PVC
Color code: DIN 47100

PES tape

General protection:
Tinned copper braid

Outer sheath
PVC
RAL 7001 Gray



PRODUCT INFORMATION

APPLICATION

MPC cables are used for data transmissions in electromagnetically disturbed environments.
Pairing assembly avoids crosstalk couplings.

DESCRIPTION OF THE CABLE

Assembly: in twisted pairs, under PES ribbon.

ELECTRICAL PROPERTIES

Rated voltage (U°/U) :	300/300 V
Test voltage:	1200 V
Capacity	
- Conductor / conductor:	120 pF/m
- Conductor / shielding:	160 pF/m

FEATURES



Fire resistance:
EN 60332-1
EN 50575 :2014 + A1 :2016 Eca



Service temperature:
Static: -30°C → +70 °C
Dynamic: -5°C → +70°C



Minimum radius of curvature:
Static: 8 x Ø
Dynamic: 15 x Ø



In compliance with the RoHS directive

PRODUCT REFERENCES

			
MPC2P025	2 × 2 × 0,25	6.3	54
MPC3P025	3 × 2 × 0,25	6.7	66
MPC4P025	4 × 2 × 0,25	7.0	81
MPC5P025	5 × 2 × 0,25	8.1	96
MPC6P025	6 × 2 × 0,25	8.5	115
MPC8P025	8 × 2 × 0,25	9.7	130
MPC10P025	10 × 2 × 0,25	10.8	158
MPC12P025	12 × 2 × 0,25	11.3	190
MPC16P025	16 × 2 × 0,25	12.7	238
MPC24P025	24 × 2 × 0,25	15.5	298
MPC2P034	2 × 2 × 0,34	7.2	65
MPC3P034	3 × 2 × 0,34	7.6	79
MPC4P034	4 × 2 × 0,34	8.2	90
MPC6P034	6 × 2 × 0,34	9.9	130
MPC7P034	7 × 2 × 0,34	10.0	145
MPC8P034	8 × 2 × 0,34	11.3	150
MPC12P034	12 × 2 × 0,34	13.0	220
MPC2P050	2 × 2 × 0,50	7.9	93
MPC3P050	3 × 2 × 0,50	8.5	129
MPC4P050	4 × 2 × 0,50	9.1	146
MPC6P050	6 × 2 × 0,50	10.8	198
MPC8P050	8 × 2 × 0,50	12.4	259
MPC12P050	12 × 2 × 0,50	14.5	354
MPC16P050	16 × 2 × 0,50	16.5	459
MPC24P050	24 × 2 × 0,50	19.8	570

PRODUCT REFERENCES

			
MPC2P075	2 × 2 × 0,75	8.4	106
MPC3P075	3 × 2 × 0,75	8.9	140
MPC4P075	4 × 2 × 0,75	10.2	179
MPC5P075	5 × 2 × 0,75	10.9	215
MPC6P075	6 × 2 × 0,75	12.1	246
MPC8P075	8 × 2 × 0,75	14.3	305
MPC12P075	12 × 2 × 0,75	16	456
MPC16P075	16 × 2 × 0,75	18.2	492
MPC2P1	2 × 2 × 1	9.5	142
MPC3P1	3 × 2 × 1	10.1	173
MPC4P1	4 × 2 × 1	10.5	212
MPC5P1	5 × 2 × 1	12.2	266
MPC8P1	8 × 2 × 1	15.1	400
MPC10P1	10 × 2 × 1	16.0	510
MPC12P1	12 × 2 × 1	17.6	590
MPC1P15	1 × 2 × 1.5	7.3	75
MPC2P15	2 × 2 × 1.5	12.5	125
MPC4P15	4 × 2 × 1.5	12.3	207
MPC1P25	2 × 2 × 2.5	8.7	107
MPC2P25	2 × 2 × 2.5	12.1	170
MPC4P25	4 × 2 × 2.5	14.3	300