

MPIxx 022

Multi-pair cables with individual and overall shielding by aluminum foil tape



Isolation: PE	
Conductor: Tinned copper: 7 x 0.20 mm section 0.22 mm ²	
Mass drain: Tinned copper: AWG 24	
Individual shielding per pair: Aluminum/PET Tape	
General armor: Aluminum/PET Tape	
Outer sheath: PVC - Gris	

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PRODUCT INFORMATION

APPLICATION

MPI 022 cables are assembled in pairs and designed for RS 422 serial connections or for making cords transmitting signals or data. The double shielding with aluminum foil ensures a very good high-frequency signal protection and reduces crosstalk between pairs.

ELECTRICAL PROPERTIES

Maximum operating voltage:	250 V
Test voltage:	1500 V
Capacity:	
- Driver:	70 pF/m
- Conductor/shielding:	140 pF/m
Nominal impedance:	100 Ω
Propagation speed:	66%

FEATURES

<p>Fire resistance: IEC 60332-1</p>	<p>Service temperature: Static: -30°C → +70°C Dynamic: - 5 °C → + 70 °C</p>	<p>Minimum radius of curvature: Static: 7 x Ø Dynamic: 15 x Ø</p>	<p>In compliance with the RoHS directive</p>
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PRODUCT REFERENCES

REF	nxmm ²	mm ext.	Kg/Km
MPI2P022	2 x 2 x 0,22	5,9	35
MPI3P022	3 x 2 x 0,22	6,3	47
MPI4P022	4 x 2 x 0,22	7,1	70
MPI5P022	5 x 2 x 0,22	7,6	82
MPI7P022	7 x 2 x 0,22	8,6	108