

DataGuard® (SWA)

LSZH FireFighter® 420Series Multi-Pair 22awg 600V



Application

A range of individually screened multi-pair 22awg cables suitable for use in instrumentation, control systems, computer and point-of-sale applications where protection against electrical interference and cross-talk between pairs is required. These cables utilise DataGuard® armouring and FireFighter® Low Smoke Zero Halogen performance materials.

Cable Design

Conductor	Stranded tinned copper wire (22awg)
Insulation	Polypropylene (PP)
No. of Pairs	3, 4, 6, 9, 11, 12 or 15 Colour coded to Chart 3
Individual Screen	each pair Aluminium/Polyester tape wrapped + Stranded tinned copper drain wire
Inner Jacket	LSZH FireFighter® SHF-1, Grey
Armour	DataGuard® Steel Wire Armour (DSWA)
Outer Jacket	LSZH FireFighter®, Black

Characteristics

- Indoor/Outdoor applications
- Mechanical protection
- Rodent Protection
- Direct Burial
- UV-Resistant
- 600 V rated
- Temperature Range : -20°C up to +90°C

Fire Behaviour

- Flame Retardant acc. to IEC 60332-1
- Halogen Free acc. to IEC 60754
- Smoke Emission acc. to IEC 61034



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Specification

Part Number	Formation No. of Pairs	Nom. Inner Jacket Ø mm ± 0,5	Nom. Outer Jacket Ø mm ± 0,5	Weight kg/km
144203P2234	3 x 2 x 22 awg	7,0	11,70	350
144206P2234	6 x 2 x 22 awg	9,19	12,99	393
144209P2234	9 x 2 x 22 awg	10,58	14,38	441
144211P2234	11 x 2 x 22 awg	11,79	15,59	460
144212P2234	12 x 2 x 22 awg	11,79	15,60	484
144215P2234	15 x 2 x 22 awg	13,92	17,72	529

Electrical Characteristics

Nom. Capacitance (cond./cond.) pF/m	Nom. Capacitance (cond./cond./scrn) pF/m	Nom. Conductor DC Resistance Ω/km	Nom. Shield DC Resistance Ω/km	Nom. Impedance Ω
98	180	49,2	34,8	50

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