



OSP Range 24AWG

24AWG RS232 Data Cable – Overall Screened Pairs
600V Rated

Physical Characteristics

Conductor:	Stranded Tinned Copper Wire
Size:	24AWG (8/0.19)
Nº of Pairs:	see below
Insulation:	PVC (0.32mm) Ø1.25mm
Screening:	Overall Alu Foil Screen [24AWG Drain Wire]
Outer Sheath:	see below
Sheath Colours	see below

Range

Pairs	Part Number	Sheath Colour	Overall Diameter	EN50575 CPR Class:
1 Pair LSZH Sheath	OSP1LSZH [9501 Equivalent] Alternative to 56001FE	Grey	Ø 4.00mm	E _{ca}
2 Pair LSZH Sheath	OSP2LSZH [9502 Equivalent]	Grey	Ø 5.60mm	E _{ca}
2 Pair LSZH Sheath	OSP2/24/LSZH/B2ca	Grey	Ø 5.60mm	B2 _{ca} ,s1a,d0,a1
2 Pair SWA/LSZH	OSP2SWA/LSZH	Black	Ø11.80mm	F _{ca}
3 Pair LSZH Sheath	OSP3LSZH [9503 Equivalent]	Grey	Ø 6.00mm	E _{ca}
3 Pair LSZH Sheath	OSP3/24/LSZH/B2ca	Grey	Ø 6.00mm	B2 _{ca} ,s1a,d0,a1
3 Pair Ext UV PE Sheath	OSP3PE	Black	Ø 6.00mm	F _{ca}
4 Pair LSZH Sheath	OSP4LSZH [9504 Equivalent]	Grey	Ø 6.70mm	E _{ca}
4 Pair Ext UV PE Sheath	OSP4PE	Black	Ø 6.70mm	F _{ca}
4 Pair SWA/LSZH	OSP4SWA/LSZH	Black	Ø12.40mm	F _{ca}
6 Pair LSZH Sheath	OSP6LSZH [9506 Equivalent]	Grey	Ø 7.60mm	E _{ca}
6 Pair Ext UV PE Sheath	OSP6PE	Black	Ø 7.60mm	F _{ca}
6 Pair SWA/LSZH	OSP6SWA/LSZH	Black	Ø12.80mm	F _{ca}
8 Pair LSZH Sheath	OSP8LSZH [9508 Equivalent]	Grey	Ø 8.20mm	E _{ca}
8 Pair SWA/LSZH	OSP8SWA/LSZH	Black	Ø12.80mm	F _{ca}
10 Pair LSZH Sheath	OSP10LSZH [9510 Equivalent]	Grey	Ø 9.40mm	E _{ca}

Electrical Characteristics

Conductor DC Resistance	83.6 [Ω /km]
Rated Temperature	-20°C - 80°C
Minimum Installation Temperature	-5°C
Rated Voltage	600V
Insulation Resistance	>200 [M Ω /km]

Colour Code

Pair	Colour	Pair	Colour	Pair	Colour
Pair 1	Black/Red	Pair 6	Black/Brown	Pair 1	Black / White
Pair 2	Black/White	Pair 7	Black/Orange	Pair 2	Red / Green
Pair 3	Black/Green	Pair 8	Red/White	Pair 3	Brown / Blue
Pair 4	Black/Blue	Pair 9	Red/Green	Pair 4	Orange / Yellow
Pair 5	Black/Yellow	Pair 10	Red/Blue		



LSZH Sheath meets:
IEC60332-1 [Flame Propagation]
IEC60754 [Halogen Free]
IEC61034 [Smoke Emissions]

UV Resistant External
PE Sheath is weather
resistant to ISO4892-3

SOLAR: TUV Approved PV Cable.

All our products are RoHS2 [2015/863] and REACH Compliant unless stated otherwise

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Statement of Conformance

It is hereby certified that any goods supplied that reference those above, conform to this specification unless otherwise noted

