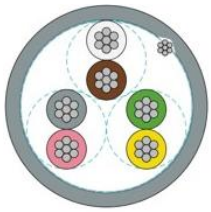
STYLE 2464 (LIY(St)Y-TP)





Areas of Use

Multiple-conductor cable using non-integral jacket. These double screened cables are used as signal transmission cables in industrial applications. These can be easily used with their flexible construction in narrow applications like electronic control systems of computer or audio systems or the communication sector, electronic circuits, measurement devices, machine design, office equipment, etc. These used for indoor applications. Screening protects the cable from the outer electrical effects.

Cable Construction

Conductor	Stranded Annealed Tinned Copper (ASTM B-33)
Insulation	PVC (80°C) UL 1581
Core Colors	Can be manufactured according to the customer's request
Insulated Conductors	AWG16 & AWG22 Style 1095
Lay-up	Cores are twisted as pairs and pairs are stranded in layers
Separator	PET Foil
Overall Screen	Al-PET Foil (with 7x0.3 mm Stranded Tinned Copper)
Outer Sheath	PVC Jacket (UL 1581 Class 80°C). The thickness of the overall jacket is in accordance with the UL 758.
Reference Standards	UL Style 1095, UL 758

Technical Properties

Operating Voltage	300 V
Test Voltage	2 kV
Conductor Resistance	UL 1581 - Section 220
Max. Operating Temperature	Fixed: -30°C ... +80°C / Flexible: -5°C ... +50°C
Flame Retardancy	FT2 Horizontal Flame Test (UL 2556), VW-1 Flame Test (UL 2556), IEC/EN 60332-1
Conductor Corrosion	UL 2556
Deformation Resistance	UL 2556
Min. Bending Radius (Fixed)	8 x Cable Diameter

Cross Section

Configuration / Cross-Section (AWG)	Cable Diameter (mm) (± 5%)	Copper Weight (kg / km)	~ Cable Weight (kg / km)
2x2x22	6	13	46
3x2x22	6.4	19	57
4x2x22	7	26	69
5x2x22	7.6	32	81
6x2x22	8.2	38	94
7x2x22	8.2	45	103

10x2x22	10.8	64	149
12x2x22	11.1	77	170
2x2x20	7.4	20	64
3x2x20	7.8	31	82
4x2x20	8.6	41	100
5x2x20	9.5	51	122
6x2x20	10.5	61	144
7x2x20	10.5	71	159
10x2x20	13.7	102	233
12x2x20	14.3	122	270
2x2x18	8	30	79
3x2x18	8.6	45	102
4x2x18	9.5	60	129
5x2x18	10.5	76	157
6x2x18	11.7	91	188
7x2x18	11.7	106	209
10x2x18	15.3	151	305
12x2x18	15.8	181	350
2x2x16	9.2	45	104
3x2x16	9.7	68	135
4x2x16	10.9	91	175
5x2x16	12.1	114	216
6x2x16	13.3	136	255
7x2x16	13.3	159	285
10x2x16	17.4	227	412

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