

1192A Non-Paired - Four-Conductor Star Quad, Low-Impedance Cable



Description:

24 AWG stranded (42x40) high-conductivity bare copper conductors, polyethylene insulation, tinned copper braid shield (95% coverage), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	4
Total Number of Conductors	4
AWG	24
Stranding	42x40
Conductor Diameter	.024 in.
Conductor Material	SBC - Soft Bare Copper

INSULATION:

Insulation Material	PE - Polyethylene
Nom. Insulation Wall Thickness	.016 in.
Insulation Diameter	.056 in.

OVERALL CABLING:

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Blue	3	Blue w/White Stripe
2	White	4	White w/Blue Stripe

OUTER SHIELD:

Outer Shield Type	Braid
Outer Shield Material	TC - Tinned Copper
Outer Shield % Coverage	95 %

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.045 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.245 in.
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MECHANICAL CHARACTERISTICS:

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Operating Temperature Range	-30°C To +75°C
Non-UL Temperature Rating	75°C
Bulk Cable Weight	33 lbs/1000 ft.
Max. Recommended Pulling Tension	21 lbs.
Min. Bend Radius (Install)	2.45 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	40 Ohms
Nom. Inductance	.21 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	39.2 pF/ft
Nom. Cap. Between Cond. in a Quad Config. @ 1 KHz	57.4 pF/ft
Nominal Velocity of Propagation	66 %
Nom. Conductor DC Resistance @ 20 Deg. C	26.6 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	7.1 Ohms/1000 ft
Max. Operating Voltage - UL	100 V RMS

Max. Operating Voltage - Other :

Other Voltage	Description
18.0 kV	Nom. breakdown voltage between conductors
16.9 kV	Nom. breakdown voltage conductors to shield

Max. Recommended Current	2.9 Amps per conductor @ 25°C
Other Electrical Characteristic 1	2/c 21 AWG equivalent DCR when connected to a 3-pin XLR

NOTES:

Notes	Quad connection scheme: The two blue wires (or wires directly opposite one another) are connected together to form one conductor, and similarly the two white wires (or remaining wires) are connected together to form the second conductor.
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PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1192A B59100	4 #24 PE SH PVC BLK MTT	100	3.3	BLACK, MATTE	
1192A B591000	4 #24 PE SH PVC BLK MTT	1000	37	BLACK, MATTE	C
1192A B59500	4 #24 PE SH PVC BLK MTT	500	16.5	BLACK, MATTE	C

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1192A G7V1000	4 #24 PE SH PVC RED MTT	1000	37	RED, MATTE	C
1192A G7W1000	4 #24 PE SH PVC GRN MTT	1000	37	GREEN, MATTE	C
1192A G7X1000	4 #24 PE SH PVC BLU MTT	1000	37	BLUE, MATTE	C
1192A G7X500	4 #24 PE SH PVC BLU MTT	500	16.5	BLUE, MATTE	
1192A G8M1000	4 #24 PE SH PVC YEL MTT	1000	37	YELLOW, MATTE	
1192A U901000	4 #24 PE SH PVC GRY MTT	1000	37	GRAY, MATTE	C

C = CRATE REEL PUT-UP.

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Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru