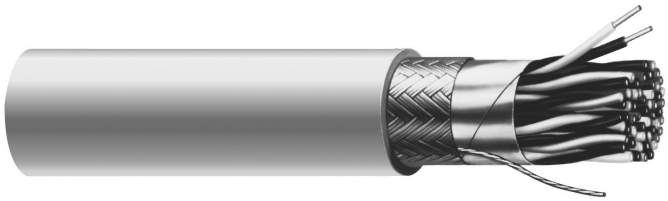
COMMUNICATION+ CONTROL CABLE MULTI-PAIRED SHIELD...

UL, CSA, NEC approved wires for two way circuits.



PRODUCT CONSTRUCTION:

Conductor: 24 AWG fully annealed stranded tinned copper per ASTM B33 · Twisted pairs

Insulation: Premium-grade, color-coded polyethylene

Shield: 100% Flexfoil® aluminum/polyester with 25% overlap, minimum, foil facing out · Stranded tinned copper drain wire · 90% tinned copper braid

Jacket: PVC, gray · Temperature range: -20˚C to +80˚C

Applications: Computers · Industrial equipment · Data transmission · Control circuits · Low capacitance requirements · Suitable for EIA RS-485 applications · Suggested voltage rating: 30 volts

Compliances: NEC Article 800 Type CM/CMH (UL: 75°C, 300 V) · UL Style 2919 (UL: 80˚C, 30 V) · RoHS Compliant Directive 2015/863/EU (RoHS-3) · Passes CSA CMH Flame Test

APPLICATION PROPERTIES

Flame retardant	No	Resistant to UV	No
Halogen free	No	Outdoor installation	No
Low smoke	No	Underground installation	No
Oil resistant	No		

STANDARDS AND APPROVALS

RoHS Compliant Directive EU 2015 / 863

We reserve the right to do changes as a result of running product development and/or changes in standards

ELECTRICAL PROPERTIES

Catalog Number	No. Of. Cond	AWG / Kcmil	Conductor category	Conductor strand count	Insulation thickness [in]	Insulation thickness [mm]	Jacket thickness [in]	Jacket thickness [mm]	Nominal overall o.d.	Nominal outer diameter [mm]
C4844A	4	24	Class 2 = stranded	7/32	0.024	0.61	0.032	0.81	0.39	9.91
C6047A	6	18	Class 2 = stranded	16/30	0.016	0.41	0.032	0.81	0.395	10.03
C6048A	12	18	Class 2 = stranded	16/30	0.016	0.41	0.048	1.22	0.556	14.12
C6049A	18	18	Class 2 = stranded	16/30	0.016	0.41	0.048	1.22	0.649	16.48
C6050A	24	18	Class 2 = stranded	16/30	0.016	0.41	0.048	1.22	0.731	18.57
C6052A	6	20	Class 2 = stranded	7/28	0.013	0.33	0.032	0.81	0.339	8.61
C6053A	12	20	Class 2 = stranded	7/28	0.013	0.33	0.032	0.81	0.446	11.33
C6040A	6	22	Class 2 = stranded	7/30	0.011	0.28	0.032	0.81	0.292	7.42
C6041A	12	22	Class 2 = stranded	7/30	0.011	0.28	0.032	0.81	0.391	9.68
C6042A	18	22	Class 2 = stranded	7/30	0.011	0.28	0.032	0.81	0.445	11.3
C4841A	2	24	Class 2 = stranded	7/32	0.024	0.61	0.032	0.81	0.235	5.97
C0740A	2	24	Class 2 = stranded	7/32	0.01	0.25	0.032	0.81	0.157	3.99
C4842A	4	24	Class 2 = stranded	7/32	0.024	0.61	0.032	0.81	0.304	7.72

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