



Daburn Electronics & Cable
 44 Richboynton Road
 Dover, NJ 07801

#D400 Ultra-Flexible Miniature & Sub-Miniature Coaxial Cables

Daburn miniature and sub-miniature coaxial cables are ultra-flexible and miniature in size.

Description: High strand count very flexible bare copper inner conductor with .005" to .008" natural polypropylene insulation for very good dielectric properties. A 44 AWG braided tinned copper shield with 90% minimum coverage. A .010" to .012" white PVC jacket overall. .

Max. Operating. Voltage: AWGs 26 & 28 450V RMS, AWGs 30 – 38 300V RMS.

Operating. Temperature: -35°C to +75°C

Dielectric Strength: AWGs 26 & 28 1.6KV RMS, AWGs 30 – 38 1KV RMS.

This series is RoHS compliant.

DABURN Cat. No.	Size AWG	AWG(Strand)	Min Shield Coverage	Nom. Imp. Ohms/ mft	Nom. Vel. Prop.	Nom. Cap./Ft.	Nom. Wall		Nom. Jkt		Nom. O.D.	
							IN.	MM.	IN.	MM.	IN.	MM.
D400/26	26	26(105/46).	90%.	30	65.8%	52	.008	.203	.012	.305	.069	1.75
D400/28	28	28(65/46).	90%.	35	65.7%	45	.008	.203	.012	.305	.064	1.63
D400/30	30	30(41/46).	90%.	32	64.9%	50	.005	.127	.010	.254	.051	1.30
D400/32	32	32(65/50).	90%.	39	64.8%	41	.005	.127	.010	.254	.048	1.22
D400/34	34	34(41/50).	90%.	40	64.6%	35	.005	.127	.010	.254	.046	1.17
D400/36	36	36(26/50).	90%.	52	63.7%	32	.005	.127	.010	.254	.045	1.14
D400/38	38	38(17/50).	90%.	59	62.9%	29	.005	.127	.010	.254	.044	1.12



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Attenuation per 100 feet at these frequencies				
Daburn Item #	1,000 MHz	100 MHz	10 MHz	1 MHz
D400/26	50.7 dB	15.8 dB	5.0 dB	1.6 dB
D400/28	53.5 dB	16.0 dB	5.2 dB	1.7 dB
D400/30	74.0 dB	23.1 dB	7.3 dB	2.3 dB
D400/32	79.1 dB	24.7 dB	7.8 dB	2.5 dB
D400/34	79.3 dB	24.8 dB	7.8 dB	2.5 dB
D400/36	82.9 dB	26.0 dB	8.2 dB	2.6 dB
D400/38	84.7 dB	26.5 dB	8.4 dB	2.6 dB

Standard Put-Ups: 1,000 feet, 500 feet, 100 feet.

Standard Colors: White – call for others

Please call to inquire about variations on these constructions such as different jacket and/or conductor insulation materials, different wall thicknesses, etc. PVC, PE, TPE, FEP, & Silicone are also available. A change to the materials will change the electrical figures shown above.