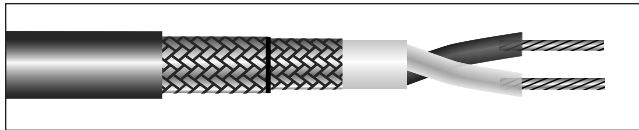


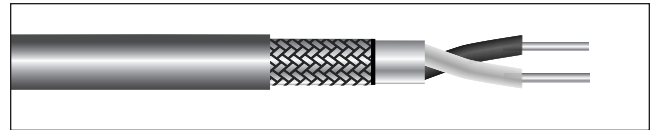
LOCAL AREA NETWORK

TWINAXIAL CABLES

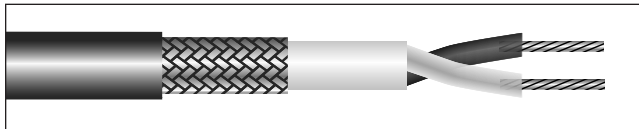
**NON-PLENUM
RoHS COMPLIANT**



Alpha Part No.	RG Type	Ohms	Rating
9816	Twinax 22 B/U	95	Non-Plenum



Alpha Part No.	Type	Ohms	Rating
9820C	2 Conductor	124	Non-Plenum



Alpha Part No.	Type	Ohms	Rating
9817	Twinax	100	Non-Plenum
9818C	Twinax	100	Non-Plenum

PRODUCT DESCRIPTION

Alpha Part No.	Description	Conductor		Core Dielectric Material* Diameter Inches (mm)	Shield & Material* Ohms/1000' (Ohms/Km)	Jacket Material* Nom. O.D. Inches (mm)	Vel. of Prop %	Nominal Capacitance @ 1KHz pF/FT (pF/m)	Nominal Attenuation db/100' (db/100m) @ MHz
		No. of Cond.	AWG Stranding Material* DCR Ohms/1000' (/Km)						
9816 MIL-C-17D – 60°C	RG Type: Twinax 22 B/U Ohms: 95 Non-Plenum	1 BC Cond. + 1 TC Cond.	18 7/0.0152 (2,3)	Cond. Insul.: PE Core Dielec.: PE 0.285 (7,2)	96% TC Double Braid	Black PVC-NC 0.200 (5,1)	66	16 (52,5)	0.3 (1,0) @ 1.00 0.9 (2,9) @ 10.0 2.1 (6,8) @ 50.0 3.0 (9,8) @ 100.0 4.5 (14,7) @ 200.0 6.5 (21,3) @ 400.0
9817 UL AWM 2498 – 300V / 80°C	Twinax Ohms: 100 Non-Plenum	1 BC Cond. + 1 TC Cond.	20 7/28 10.8 (35,4)	Cond. Insul.: PE Core Dielec.: PE 0.080 (2,0) 0.236 (5,9)	85% TC Braid 3.0 (9,8)	Black PVC 0.330 (8,3)	66	15.5 (51,0)	0.3 (0,9) @ 1.00 1.2 (3,9) @ 10.0 2.8 (9,2) @ 50.0 4.1 (13,5) @ 100.0 6.4 (21,0) @ 200.0 10.2 (33,5) @ 400.0
9818C UL Type CL2 – 150V / 75°C UL AWM 2498 – 300V / 80°C	Twinax Ohms: 100 Non-Plenum	2 Cond.	[1] 20 7/28 BC 9.5 (31,1) & [1] 20 7/28 TC 10.5 (34,4)	Cond. Insul.: PE Core Dielec.: PE 0.080 (2,0) 0.236 (5,9)	95% TC Braid 2.0 (6,6)	Black PVC 0.330 (8,3)	66	15.5 (51,0)	0.3 (0,9) @ 1.00 1.2 (3,9) @ 10.0 2.8 (9,2) @ 50.0 4.1 (13,5) @ 100.0 6.4 (21,0) @ 200.0 10.2 (33,5) @ 400.0
9820C UL Type CM – 300V / 75°C UL AWM 2704 – 30V / 60°C CSA Type CMH FT1	Twinax Ohms: 124 Non-Plenum	2 Cond.	16 Solid BC 4.3 (14,1)	Cond. Insul.: FPE 0.150 (3,8)	A/P/A + 90% TC Braid 1.5 (4,9)	Black PVC 0.440 (11,1)	78	10.9 (35,8)	0.2 (0,6) @ 1.00 0.7 (2,3) @ 10.0 1.8 (5,9) @ 50.0 2.9 (9,5) @ 100.0 4.1 (13,5) @ 200.0 6.2 (20,3) @ 400.0

♦Refer to Materials Abbreviation Guide on Page 254

SPECIFICATIONS

- RoHS Compliant



AVAILABILITY

- See Page 275 for available put-ups

Web Site: www.alphawire.com
Email: info@alphawire.com

Toll Free: 1-800-52 ALPHA • Telephone: 908-925-8000 • Fax: 908-925-6923
Europe/UK Telephone: +44 (0) 1932 772422 • Europe/UK Fax: +44 (0) 1932 772433

