Description:

9 Conductors 16 AWG Stranded Tinned Copper with FEP insulation, cabled with overall

Alum/Polyester Tape, Tinned Copper Braid Shield, and FEP Jacket.

Λ	Compatination
Α.	Construction:

1.0 Conductors:

16 AWG 19/.0117" Tinned Copper

OD .056"

1.1 Insulation:

.007" Wall FEP

OD .070" nom

1.2 Color Code

Black, White, Red, Green, Orange, Blue (Solid Colors)

Wht/Black, Red/Black, Grn/Black, (Band Marked)

- 2.0 <u>Final Assembly</u>: 9 Conductors Cabled Together with a Left Hand Lay
- 2.1 Aluminum/Polyester Tape Wrap, 25% Min. Overlap, Foil Side Out
- 2.2 Braid Shield, 36 AWG Tinned Copper, 85% Coverage
- 2.3 Jacket: .015" Wall FEP Color- Red

OD .308" Nominal

- 3.0 Marking: White Nomex Printed Marker Tape Under Jacket
- B. <u>Electrical Characteristics</u>:
 - 1.0 Conductor DCR: 4.43 Ohms/Mft Max.
 - 2.0 Nom. Shield DCR: 2.67 Ohms/ Mft.
 - 3.0 Capacitance, Cond. To Cond: 35.00 pf/Ft Nom.
 - 4.0 Capacitance, Conductor to Other Conductor & Shield: 63.0 pf/Ft Nom.
 - 5.0 Max. Operating Voltage- UL: 300 V RMS

C. Agency Approvals:

UL Standard- 444 Type CMP, CSA c(UL)

RoHS Compliant

D. Flame Rating;

NFPA 262 Steiner Tunnel Test

E. <u>Cable Weight</u>:

116.0 Lbs/ 1000 Ft.

RE>	DATE	CHANGE DETAIL	General Cable		General Cable 20 Forge Park, Franklin, Ma 02038 Phone: 508-541-7100 Fax: 508-541-8122				
	***************************************		Title:	EF16C0093709					
			Description:	9/C 16 AWG, FEP INSULATED, BRAID SHIELDED, FEP JACKETED CABLE					
			Eng Approval:		***************************************		RoHS Compliant		
·····	03/07/08	Preliminary- DB	Final Approval:	REB		3-7-08	PAGE 1 of 1		
	General Cable, reserves the right to modify this information without prior notification and does not make a warranty or representation of any kind, whether implied or expressed with respect to the information contained herein. General Cable assumes no risks, and will not be liable for direct or indirect, special; incidental or consequential damages, any defect or personal injury resulting from the use of this document.								