



Comtran Cable LLC  
 330A Turner Street  
 South Attleboro, MA 02703-7714  
 (P) 508-399-7004  
 (F) 508-399-7360  
 www.ComtranCorp.com

**Design Specification**  
**Part Number: 34848**

DESCRIPTION: 18 AWG 8 conductor communications cable Nom. O.D. (in.)

CONSTRUCTION:

Conductors: 18 AWG 7 strand bare copper  
 Insulation: 0.0073" nominal wall Comflex Plenum PVC .060  
 Core Assembly: 8 conductors cabled together with a 5.5" nominal left hand lay  
 Jacket: 0.014" nominal wall White Comflex Plenum PVC .227  
 Parallel ripcord located under jacket

COLOR CODE: Black, White, Red, Green, Brown, Blue, Orange, Yellow

SPECIFICATIONS: UL 13, Power Limited Circuit Cable  
 UL 444, Communication Cables  
 UL 1424 Power Limited Fire Alarm Cable  
 NFPA 262, Plenum Flame Test (UL 910)  
 NEC Article 725, 760 and 800

CERTIFICATIONS: UL Listed Type CL3P/FPLP  
 UL and cUL Listed Type CMP  
 California State Fire Marshal Approved

ELECTRICAL CHARACTERISTICS:

Capacitance: 28 pF/ft nominal conductor to conductor @ 1 KHz  
 DC Resistance: 6.9 ohms/Kft max @ 20C

SURFACE PRINT: E111272 (01-12345) 18 AWG CL3P/FPLP (UL) OR CMP C(UL)US RoHS  
 Sequential footage markers every 2 feet

DRAWING	REV.	DATE	DRWN.	APP.	REMARKS	34848
4848	.03	9/20/06	2me	RHW	Tri rate and add ripcord; Add RoHS to print; Revise lay	
4848	.02	01/28/03	2me	RHW	Revised and redrawn	