



COMTRAN CORPORATION

ONE MAIN STREET • WHITINSVILLE, MA 01588 • 508-234-6256

Design Specification

Part Number: 4848

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	
						4848
4848	.03	9/20/06	2me	RHW	Tri rate and add ripcord; Add RoHS to print; Revise lay	Page 1 of 1
4848	.02	01/28/03	2me	RHW	Revised and redrawn	



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