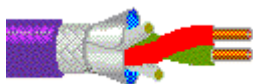


YR47052 DATA SHEET PROFIBUS-DP CABLE
6XV1830-0EH10



I. DESCRIPTION:

**22 AWG SOLID BARE COPPER; 1 PAIR FLAME RETARDANT
POLYETHYLENE INSULATED, OVERALL BELDFOIL + TINNED
COPPER BRAID SHIELD, PVC JACKET.**

II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE:	300 V RMS
MAX. CURRENT/CONDUCTOR:	2.3 A
NOM. PAIR CAPACITANCE @ 1 KHZ:	8.5 PF/FT
IMPEDANCE (3-20 MHZ):	150+/-15 OHMS
NOM. CONDUCTOR DCR @ 20C:	16.2 OHMS/1000'
VELOCITY OF PROPAGATION:	78%
BALANCED ATTENUATION @ 0.20 MHZ:	9 DB/KM MAX
@ 4.00 MHZ:	22 DB/KM MAX
@ 16.0 MHZ:	45 DB/KM MAX
INSULATION RESISTANCE @ 23C:	>16,000 MEGOHMS-KM
CAPACITANCE UNBALANCE @ 1 KHZ:	LESS THAN 1000 PF/KM

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING:	-30 TO +75 DEG C
INSULATION MATERIAL:	FOAMED FLAME RETARDANT PE
JACKET MATERIAL (COLOR):	PVC (CHROME,VIOLET)
TYPE SHIELDS AND % COVERAGE:	BELDFOIL; 100%
	T.C BRAID; 65%
MAX. PULLING TENSION	50 LBS. ESTIMATED
NOM. DIAMETER:	.315" ESTIMATED
MIN. BEND RADIUS:	3.5" ESTIMATED
APPLICABLE SPECIFICATIONS:	UL TYPE PLTC, CL2
	CEC PCC FT4
FLAME RESISTANCE:	UL 1581 (1160)
	VERTICAL TRAY
	CSA FT4
COLOR CODE:	RED AND GREEN