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Belden Wire & Cable Company	Product Code	TECHNICAL
	<del>YQ44813</del>	DATA SHEET

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09-01-99 REV. 1

~~YQ44813~~ new Braid TBD

I. DESCRIPTION:

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4 PAIRS, 20 AWG (7X28) TINNED COPPER CONDUCTORS, 3 PAIRS ARE INSULATED WITH FOAMED FEP, 1 PAIR IS INSULATED WITH SOLID FEP, INDIVIDUALLY SHIELDED, OVERALL ALUMINUM/POLYESTER/ALUMINUM TAPE SHIELD, TINNED COPPER BRAID SHIELD, PVC JACKET.

II. ELECTRICAL CHARACTERISTICS:

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MAX. OPERATING VOLTAGE:	30 VRMS (AWM 2919)
MAX. CONTINUOUS CURRENT PER CONDUCTOR @ 25 DEG. C:	2.8 A
NOM. IMPEDANCE: (THREE PAIRS ONLY)	78 OHMS +/-5 OHMS (DIFFERENTIAL MODE)
NOM. CAPACITANCE BTWN CDRS:	16.7 PF/FT. ESTIMATED
NOM. INDUCTANCE BTWN CDRS:	.2 MICRO-HENRIES/FT
NOM. DELAY (3 PAIRS ONLY):	1.30 NS/FT. ESTIMATED
NOM. VELOCITY OF PROPAGATION	78% ESTIMATED
MAX. CONDUCTOR DCR @ 20 C:	10.5 OHMS/1000 FT
NOM. SHIELD DCR @ 20 C:	1.5 OHMS/1000 FT
ATTENUATION (ESTIMATED):	
FREQUENCY NOMINAL	MAXIMUM
10 MHZ 2.73 DB/50 M	3.0 DB/50 M

III. PHYSICAL CHARACTERISTICS:

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TEMPERATURE RATING:	-20 TO +80 DEG. C
INSULATION MATERIAL:	
(THREE PAIRS ONLY):	FOAMED FEP TEFLON*
(POWER PAIR):	SOLID FEP TEFLON*
JACKET MATERIAL:	PVC
TYPE SHIELD AND % COVERAGE:	
(INDIVIDUAL):	POLYESTER/ALUM-100%
(OVERALL):	ALUM/POLYESTER/ALUM-100%
MAXIMUM PULLING TENSION:	T.C. BRAID-95%
NOM. O.D.:	201 LBS. ESTIMATED
MIN. BEND RADIUS:	.400" ESTIMATED
NOM. WEIGHT/1000':	4.0" ESTIMATED
APPLICABLE SPECIFICATIONS:	TBD
	UL AWM 2919
	UL CM OR C(UL) CM,
	UL CL2

IV. COLOR CODE:

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- 1 BLACK & RED
  - 2 WHITE & GRAY
  - 3 YELLOW & ORANGE
  - 4 BLUE & GREEN

\*TEFLON-TRADEMARK OF DUPONT

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