

Belden Wire & Cable Company

Product Code
YM45035

Technical
Data Sheet

09-17-99 REV. 0

YM45035

I. DESCRIPTION:

#20 AWG (7X28) BARE COPPER, PVC INSULATION, FOUR CONDUCTORS, OVERALL BELDFOIL SHIELDED WITH 20 AWG STRANDED TINNED COPPER DRAIN WIRE, PVC JACKET.

II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE	300 V RMS
MAX. CONTINUOUS CURRENT PER CONDUCTOR @ 25 DEG. C (10 DEG. C TEMPERATURE RISE)	3 A
NOM. CAPACITANCE BETWEEN CONDUCTORS @ 1 KHZ	34 PF/FT
NOM. CAPACITANCE CONDUCTOR TO SHIELD @ 1 KHZ*	61.2 PF/FT
NOM. CONDR. DC RESISTANCE @ 20 DEG. C	10.2 OHMS/1000 FT.
NOM. SHIELD D.C. RESISTANCE @ 20 DEG. C	7.9 OHMS/1000 FT.
*ONE CONDUCTOR TO OTHER CONDUCTOR AND SHIELD	

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING	-20 TO +75 DEG.C
INSULATION MATERIAL	PVC
JACKET MATERIAL (COLOR)	PVC (GREY)
TYPE SHIELD AND % COVERAGE	ALUM/POLYESTER 100%
OVERALL LAY LENGTH	2.75" (4.4 TWIST/FT)
MAXIMUM PULLING TENSION	59.5 LBS.
MIN. BEND RADIUS	1.7"
NOM. WEIGHT/1000 FT.	24 LBS.
APPLICABLE SPECIFICATIONS	UL TYPE CMR C(UL) CMR
COLOR CODE	GREY, GREY/RED, PURPLE/BLACK, ORANGE/BLACK
NOM. DIAMETER	.168"
FLAME RESISTANCE:	UL1666 VERTICAL SHAFT

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