

CATEGORY 5E DIRECT BURIAL
24AWG 4PAIR CAT5e SOLID

12/13/2006 REV 1.1



PART NUMBER: 244P5DR

DESCRIPTION: 24AWG 4 PAIR CAT5E, SOLID BARE COPPER , POLYOLEFIN INSULATION, SUITABLE FOR DIRECT BURIAL, POLYETHYLENE JACKET, TESTED FOR 155ATM AND 622 ATM

PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING: -40°C TO +60°C
CONDUCTOR/PAIR COUNT: 8 CONDUCTORS, 4 PAIRS
CONDUCTOR MATERIAL: BARE COPPER
GAUGE & STRANDING: 24 AWG, SOLID
COLOR CODE: WHITE/BLUE STRIPE, BLUE
 WHITE/ORANGE STRIPE, ORANGE
 WHITE/GREEN STRIPE, GREEN
 WHITE/BROWN STRIPE, BROWN
INSULATION MATERIAL: POLYOLEFIN

ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE: 300 V RMS
NOM. MUTUAL CAPACITANCE @ 1 KHZ: 14 pF/FT.
MAX CAPACITANCE UNBALANCE (pF/100M): 66 pF/100M
NOM. VELOCITY OF PROPAGATION: 65%
MAX. DELAY (ns/100M): 25 ns/100m
MAX. DELAY SKEW (ns/100M): 45 ns/100M
MAX. CONDUCTOR DC RESISTANCE @ 20 DEG.C: 8.9 Ohms/100M
MAX. DCR UNBALANCE @ 20 DEG. C: 3%

		NOM. ATTENUATION:	<u>MHZ</u>	<u>DB/100 M</u>	<u>MHZ</u>	<u>DB/100 M</u>
JACKET MATERIAL & THICKNESS:	PE		1	2.0	62.5	16.4
JACKET COLOR:	BLACK		4	4.0	100	21.0
RIPCORD:	NO		8	5.7	155	26.6
OUTSIDE DIAMETER:	.251"		10	6.4	200	30.5
MAXIMUM PULLING TENSION:	35 LBS		16	8.1		
MINIMUM BEND RADIUS:	2.5"		20	9.1		
PACKAGING:	REELS		25	10.2		
CABLE WEIGHT:	31 LBS/ 1000 FT.		31.25	11.4		

NOTES:

1. Semi-tubed jacket with glossy finish.
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