BELDEN
SENDING ALL THE RIGHT SIGNALS

MASER COMMUNICATIONS (NZ) LTD

Maser Ordering Codes

B1829AC-10-152P - 152M BLACK

B1829AC-10P - 305M BLACK

B1829AC-9-152P - 152M WHITE

B1829AC-9P - 305M WHITE

Specification B1829AC-P BELDEN YJ43459P TECH DATA

Extended Specification Description
01-14-15 REV 3 B1829AC RG6 DUAL SHIELD SKY COAXIAL CABLE

I. DESCRIPTION:

SERIES 6, DUOBOND(R) II - 60% BRAID, FOR DBS TO 3GHZ, PERFECT GUARD® CORROSION PROTECTANT, SKY APPROVED, UV WHITE & UV BLACK PVC OUTER JACKET

II. ELECTRICAL CHARACTERISTICS:

IMPEDANCE:	75 +/- 3 OHMS	
NOM. INDUCTANCE:	.097 MICRO-H/FT	
NOM. CAPACITANCE		
CONDUCTOR TO SHIELD:	16.2 PF/FT	
NOM. VELOCITY OF PROPAGATION:	83% NOM.	
DELAY:	1.2 NS/FT	
ATTENUATION:	1000 MHZ	20.739 DB/100 METRES MAX.
	1450 MHZ	24.867 DB/100 METRES MAX.
	1800 MHZ	28.607 DB/100 METRES MAX.
	2250 MHZ	31.487 DB/100 METRES MAX.
STRUCTURAL RETURN LOSS:	950-2250 MHZ, 15 DB MIN.	
	2250-3000 MHZ, 10 DB MIN.	
MAX. OPERATING VOLTAGE:	350 V RMS	

NOM. CONDUCTOR DC RESISTANCE @ 20 DEG C: 9.18 OHMS/100 METRES
NOM. SHIELD DC RESISTANCE @ 20 DEG C: 2.95 OHMS/100 METRES

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING:	-20 TO +80 DEG C
NOM. WEIGHT/100 METRES:	4.48KG
MIN. BENDING RADIUS:	75MM
MAX. PULLING TENSION:	57KG
CONDUCTOR MATERIAL & DIA:	18 AWG COPPER CLAD STEEL 0.040" NOM.

DIELECTRIC MATERIAL & DIAMETER:
GAS INJECTED FOAM POLYETHYLENE, 0.180" NOM.

SHIELD TYPE: 1ST LAYER-BONDED DUOFOIL® 2ND LAYER-60% ALUM BRAID

PERFECT GUARD® CORROSION PROTECTION SUITABLE FOR INDOOR AND OUTDOOR APPLICATIONS.
PASS 1000 HOUR SALT FOG TEST TR 090335

JACKET MATERIAL & DIAMETER: UV RESISTANT PVC WHITE / UV RESISTANT PVC BLACK / 6.86MM

PRINT LEGEND: BELDEN (1829A-C) YJ43459P 3 GHZ 75 OHM RG6 HD SKY SATELLITE ROHS
– PRINTED EACH METRE + SEQUENTIALLY PLUS METRE MARKED 1 – 152 / 305 METRES