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