

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

WARRANTY TERMS: 10 YEARS (CONDITIONAL)

THIS INFORMATION IS SUPPLIED FOR YOUR CONFIDENTIAL USE IN THE EVALUATION AND APPLICATION OF THE PRODUCT INVOLVED. ANY OTHER USE OR REPRODUCTION REQUIRES PRIOR WRITTEN APPROVAL OF BELDEN.

DATA SUBJECT TO CHANGE WITHOUT NOTIFICATION.
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