

-----Original Message-----

From: Lisa.Rieder@belden.com [mailto:Lisa.Rieder@belden.com]
Sent: Friday, November 08, 2002 2:35 PM
To: KEVIN@KCELECTRONICS.COM
Cc: Dan.Williams@belden.com
Subject: 9054 TECH DATA

Tech Data sheet for obsolete part number 9054, per quote CP518052 option 2.
As requested by Dan Williams to Kevin Rotunno.

I. DESCRIPTION:

SERIES 59, DUOBOND PLUS - 95% BRAID
CATV OR CM RATED

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: 82%
NOM. DELAY: 1.2 NS/FT
ATTENUATION:

MAXIMUM			
MHZ	DB/100'	MHZ	DB/100'
5	0.58	400	5.31
55	1.95	450	5.64
211	3.82	550	6.25
270	4.35	750	7.39
300	4.82	870	7.98
330	4.96	1000	8.58

STRUCTURAL RETURN LOSS: 5-1000 MHZ, 20 DB MIN.
MAX. OPERATING VOLTAGE: 300 V RMS
NOM. CONDUCTOR DC RESISTANCE
@ 20 DEG C: 44.5 OHMS/1000'
NOM. SHIELD DC RESISTANCE
@ 20 DEG C: 7.6 OHMS/1000'

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING: -40 TO +80 DEG C
NOM. WEIGHT/1000': 26 LBS
MIN. BENDING RADIUS: 2.5"
MAX. PULLING TENSION: 140 LBS
CONDUCTOR MATERIAL & DIA: 20 AWG SOLID BARE
COPPER COVERED STEEL,
.032"
DIELECTRIC MATERIAL & DIA: GAS INJECTED FOAM
POLYETHYLENE,
.144"
SHIELD TYPE: 1ST LAYER - BONDED DUOFOIL
2ND LAYER - 95% ALUM BRAID
3RD LAYER - BONDED FOIL -
SHORTING FOLD
JACKET MATERIAL & DIA: PVC (BLACK)

U.L./NEC & CEC RATING:
FLAME TEST:

.242"
CATV OR CM
UL-1581 VERTICAL TRAY

Regards,

Lisa Rieder

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