

# MINIATURE 5 LEG RGB+S+C 75 Ohm COAXIAL CABLE PLENUM

# 410017

DRAWING NO.

Part No. 410017

Individual Coaxial Units

CONDUCTOR	25 awg Solid Bare Copper Resistance: 34.0 Ohms/Mft (111.5 Ohms/km)
INSULATION	Natural Foam Fluorinated Ethylene Propylene (FEP) O.D.: 0.075" (1.91 mm) +/- 0.005" (0.13 mm)
SPIRAL SHIELD	Aluminum/Polyester Low Smoke Tape, 25% Overlap
BRAID SHIELD	38 awg Tinned Copper, 95% Coverage Minimum Resistance: 5.4 Ohms/Mft (17.7 Ohms/km)
INNER JACKET	0.010" (0.25 mm) Plenum Polyvinylchloride (PVC) O.D.: 0.107" (2.72 mm) +/- 0.005" (0.13 mm) Jacket Colours: Red, Green, Blue, White & Yellow
OVERALL JACKET	0.0195" (0.50 mm) Black Plenum Polyvinylchloride (PVC) Strength Member - Ripcord
OVERALL DIAMETER	0.329" (8.36 mm) +/- 0.015" (0.38 mm)
TEMPERATURE RATING	-20°C to +75°C
IMPEDANCE	75 Ohms (+/- 4 Ohms)
CAPACITANCE	16.8 pF/ft (55.1 pF/m)
VELOCITY OF PROPAGATION	81%
ATTENUATION	

Freq. (MHz)	dB/100 ft (nom)	dB/100 m (nom)	Freq. (MHz)	dB/100 ft (nom)	dB/100 m (nom)	Freq. (MHz)	dB/100 ft (nom)	dB/100 m (nom)
1	0.53	1.74	100	5.20	17.06	1000	21.40	70.21
5	1.20	3.94	200	7.10	23.29	2250	25.50	83.66
10	1.70	5.58	400	10.00	32.81	3000	33.90	111.22
50	3.80	12.47	750	14.30	46.92			

APPROVALS UL Listing Type CMP as Specified in Article 800 of the National Electric Code; CSA Type CMP

**ALL DIMENSIONS NOMINAL UNLESS SPECIFIED AND SUBJECT TO CHANGE WITHOUT NOTICE**

**RoHS COMPLIANCE:** Please be advised that Delco Wire #410017 does not contain the following restricted substances (European Directive 2002/95/EC RoHS):  
 Lead and Lead Compounds      Mercury and Mercury Compounds      Cadmium and Cadmium Compounds  
 Hexavalent Chromium Compounds      Polybrominated Biphenyls (PBB)      Polybrominated Diphenyl Ethers (PBDE)

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REVISION	APPD	DATE



**DELCO WIRE AND CABLE LIMITED**  
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DRWN	CM	02/16/10
CHKD	WJ	02/16/10
APPD	AB	02/17/10