

CABLE SPECIFICATION

1/2

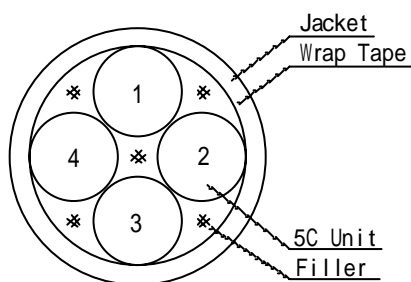
| | | |
|--------------|--------------------------------|--------|
| Model | V 4 - 5 C | Ver2.1 |
| Applications | Multi-Channel 75 Coaxial Cable | |



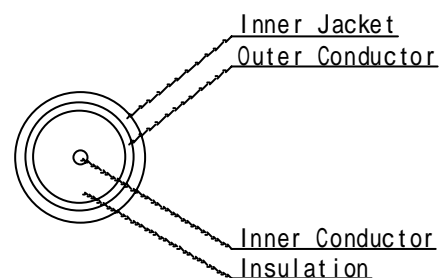
Canare Electric Co.,Ltd.

| Physical Characteristics | | Dimensions | Specifications | Remarks |
|--------------------------|-------------------------|-------------------------|---|-----------------------------|
| No. of Unit | | | 4 | |
| Inner Conductor | Structure | mm/qty (mil/) | A0.26/ 7 (10.24/) | Annealed Copper |
| | Nom. Cross Section Area | mm ² (mil) | 0.37 (573.5) | 22AWG |
| | Outer Diameter | mm (mil) | 0.78 (30.71) | |
| Insulation | Type | | PE | |
| | Thickness | mm (mil) | 2.01 (79.13) | |
| | Outer Diameter | mm (Inch) | 4.80 (0.189) | |
| Outer Conductor | Type | mm/piece/carr(mil/) | A0.12/ 7/24 (4.72/) | Annealed Copper |
| | Thickness | mm (mil) | - | |
| | Coverage | % | >93 | |
| Inner Jacket | Type | | PVC | Color:Red/Grn/Blu/Wht |
| | Thickness | mm (mil) | 0.3 (11.81) | |
| | Overall Diameter | mm (Inch) | 6.0 (0.24) | |
| Wrap Tape Jacket | Thickness | mm (mil) | 0.05 (1.97) | Paper Tape |
| | Type | | PVC | Filler Materials : Jute |
| | Thickness | mm (mil) | 1.2 (47.24) | Color:Black |
| | Overall Diameter | mm (Inch) | 17.1 (0.67) | Brittle Temp. -30°C (-22°F) |
| | Marking | | 75 Coaxial Cable V4-5C <Year code> MADE IN JAPAN | CANARE |
| Weight | | kg/100m(lbs/1000ft) | 33 (221.7) | |

Cable Cross Section



Unit



| Channel Color Code | | | | |
|--------------------|-----|-----|-----|---|
| 1 | 2 | 3 | 4 | 5 |
| RED | GRN | BLU | WHT | |

| Electrical Characteristics (Nominal) | | Dimensions | Specifications | Remarks |
|--------------------------------------|-------------------------|---------------------|------------------|---------------------------------|
| D.C. Resistance | Inner Conductor | /100m (/1000ft) | <= 5.1 (<=15.4) | Attenuation dB/100m (/1000ft) |
| | Outer Conductor | /100m (/1000ft) | <= 1.2 (<=3.7) | 10MHz 2.9 (8.8) |
| Voltage Withstanding | Min. Breakdown Voltage. | VAC·1min | 1000 (1000) | 30MHz 5.2 (15.8) |
| Insulation Resistance | Between Conductors | M · km (· 3000ft) | >= 1000 (>=1000) | 72MHz 8.1 (24.7) |
| Char. Impedance | | at 10MHz | 75 ± 3 | 88MHz 9.0 (27.4) |
| Capacitance | Between Conductors | pF/m (pF/ft) | 67 ± 3 (20.4) | 135MHz 11.4 (34.7) |
| Attenuation | | dB/100m (/1000ft) | | 180MHz 13.3 (40.5) |
| | | | | 270MHz 16.5 (50.3) |
| | | | | 750MHz 29.2 (89.0) |

| Mechanical Characteristics (Nominal) | | Dimensions | Specifications | Remarks |
|--------------------------------------|--------|------------|----------------|---------|
| Tensile Strength | Jacket | MPa | >= 11.0 | |
| | | % | >= 220 | |

| <i>Environment Characteristics</i> | <i>Specifications</i> | <i>Remarks</i> |
|------------------------------------|---|--|
| <i>Migration</i> | No deformity, discoloration or other flaws must be found on ABS resin plates during visual inspection. | Test conditions: Temperature: 50 ±1 Duration: 24 hours ±1 hour (humidity not designated) Load: 500g ±25g |
| <i>Flame Retardance</i> | Flame must extinguish naturally within 60 seconds. | Perform inclination test according to JIS C 3005. |
| | A vertical specimen of an insulated conductor shall not flame longer than 60s following five 15s applications of flame. | The VW-1 flame test specified in UL1581. |

Note: Testing must be performed under standard conditions set down in "JIS C 60068-1 General Environmental Testing Rules(Electric/Electronics)."

Standard Conditions: Unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35 , a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.