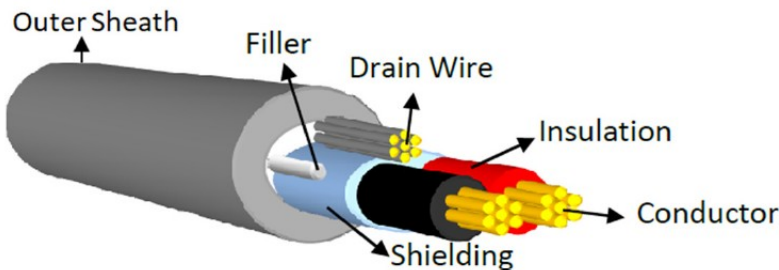


## SPECIFICATION

| DESCRIPTION       |                        | 2CORE 0.56 SQ.MM (20AWG) SHIELDED CABLE   |
|-------------------|------------------------|---|
| CONSTRUCTION ITEM |                        |   |
| <b>CONDUCTOR</b>  | SIZE                   | 20AWG   |
|                   | MATERIAL               | BC(OFC)   |
|                   | CONSTRUCTION           | 7/0.32 ± 0.008mm  |
| <b>INSULATION</b> | AVG.THICK              | 0.27mm  |
|                   | MIN.THICK              | -----   |
|                   | MATERIAL               | PE  |
|                   | DIAMETER               | 1.50 ± 0.1mm  |
| <b>SHIELDED</b>   | FILLET SHIELD          | -----   |
|                   | AL/MYLAR MATERIAL      | AL FOIL   |
|                   | AL/ MYLAR CONSTRUCTION | SINGLE LAYER AL FOIL WRAPPED(100% COVERAGE)   |
|                   | MYLAR MATERIAL         | -----   |
|                   | MYLAR CONSTRUCTION     | -----   |
|                   | DRAIN MATERIAL         | TC(T-OFC)   |
|                   | DRAIN CONSTRUCTION     | 7/0.20 ± 0.008mm(24AWG)   |
|                   | BRAID MATERIAL         | -----   |
| <b>JACKET</b>     | AVG.THICK              | 0.55mm  |
|                   | MATERIAL               | VW-1 POLYVINYLCHLORIDE(PVC)   |
|                   | DIAMETER               | 4.20 ± 0.15mm   |
|                   | COLOR                  | GREY(RAL7001)   |
| <b>MARKING</b>    | MARKING NO.            | V-30029-C INTERFACE(R) CABLES 2C 20AWG FS 300V 80°C<br>FR VW-1 PVC CABLE UL AWM 2464 E486063 ROHS-XXX M |
|                   | COLOR                  | BLACK   |

### CONSTRUCTION DRAWING



**CORE COLOUR**  
BLACK,RED.

### ELECTRICAL CHARACTERISTICS

- |                                       |                |
|---------------------------------------|----------------|
| 1.NOM.RESISTANCE OF CONDUCTOR AT 20°C | : 32.5 Ohms/Km |
| 2.NOM.DRAIN WIRE RESISTANCE AT 20°C   | : 82.5 Ohms/Km |
| 3.MAX.OPERATING VOLTAGE               | : 300V         |

### MECHANICAL CHARACTERISTICS

- |                         |                             |
|-------------------------|-----------------------------|
| 1.OPERATION TEMP        | : - 20°C ~ 80°C             |
| 2.MIN. ELONGATION       | : 100%                      |
| 3.MIN. TENSILE STRENGTH | : 10.3 Mpa                  |
| 4. FLAMABILITY          | : UL AWM 2464 VW-1 STANDARD |