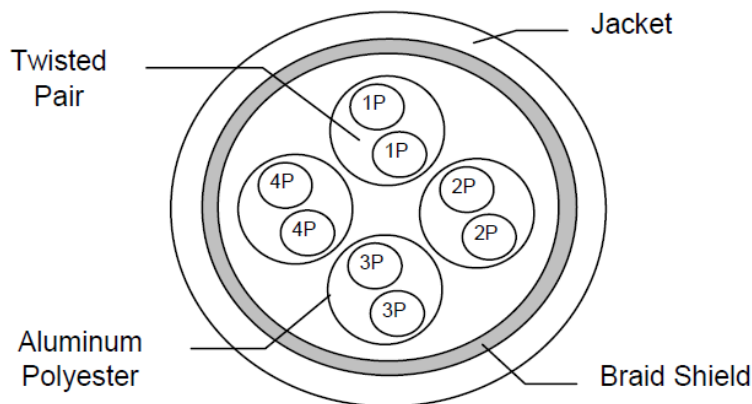


# MV Type #: 1 & MI Type #: 5

## CROSS SECTION



## COLOR CODE

P1: Blue & White  
P2: Orange & White  
P3: Green & White  
P4: Brown & White

## DESCRIPTION

Rated Temperature: (C°) 75  
Product Standard Certification: CM  
Flame Test: FT4  
Reference Standard: UL 444, & the customer's specification  
Typical Application:  
Telephone and other communication circuits such as voice, data and audio for on-premise customer systems.

## PERFORMANCE

Electrical Characteristics: ( 20°C )  
Max. Conductor DC Resistance (  $\Omega$  /km ) 142  
Min. Insulation Resistance (  $\Omega$ /km ) 100  
Dielectric Strength: AC-500V/1 Min.

## CONSTRUCTION

Conductor: Stranded Bare Copper  
4 Twisted Pair 8C  
AWG 26  
Construction (mm) 7/0.16  
Stranded Dia. (mm) 0.50  
Insulation: Skin-Foam-Skin-PE  
Non. Thickness (mm) 0.26  
Insulation Dia. (  $\pm 0.05$ mm ) 1.03  
Shield: Natural Aluminum / Polyester  
Coverage (%)  $\leq 125\%$   
Braid Shield: Tinned Copper  
Construction (mm) 16/5/0.10T  
Coverage (%)  $\leq 55\%$   
Jacket: Polyvinyl Chloride (PVC)  
Nom. Thickness (mm) 0.58  
Outer Dia. ( +0.2mm ) 6.2

## MECHANICAL CHARACTERISTICS

Test Object Jacket  
Test Material PVC  
Before Tensile Strength (kg/mm<sup>2</sup>)  $\leq 1.4$   
Aging Elongation (%)  $\leq 100$   
Aging Condition 100 $\pm 2^\circ$ Cx240 Hrs.  
After Tensile Strength:  $\geq 85\%$  of original  
Aging Elongation:  $\geq 50\%$  of original



**COMPONENTS EXPRESS, INC.**  
10330 Argonne Woods Drive, Ste 100  
Woodridge, IL 60517

Spec No. 50255-C  
Revision C  
Date 6/13/2011

**MINIMUM BEND RADIUS: 10X O.D.**

8/8/19