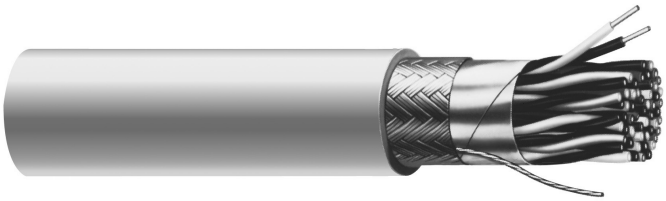
18/3P STRANDED IND SHIELDED CM

18/3P STRANDED IND SHIELDED CM



GENERAL INFO

In many electronic applications, two wires are required to complete circuits; these are often referred to as “balanced arrays” or “twisted pair” constructions. Paired cable designs find frequent application in circuits requiring circuit-to-circuit isolation from noise, minimization of capacitance imbalances a reduction of EMI interference currents. Circuit separation is further enhanced in those designs employing individual circuit shields in concert with an overall shield. These shielding systems are available from General Cable in myriad combinations to suit the unique needs of the circuit designer.As with the multi-conductor designs, a wide array of insulating jacketing materials are available to meet specific electronic applications.General Cable’s Carol® Br communication cable products are manufactured to meet the latest UL, CSA NEC requirements approvals.

PRODUCT RANGE GENERAL INFORMATION

Conductor material	Copper
Nominal voltage U [V]	300

STANDARDS AND APPROVALS

RoHS Compliant Directive 2011/65/EU

ITEM DETAILS

AWG / Kcmil	18
Conductor category	Class 2 = stranded
Nominal outer diameter [inch]	0.4

APPLICATION PROPERTIES

Product name	18/3P STRANDED IND SHIELDED CM
Conductor resistance at operation temperature [mOhm/ft]	
Nominal thickness insulation [inch]	0.016
Nominal outer diameter [inch]	0.4
Nominal operation capacitance [pF/ft]	
Screen DC resistance [mOhm/ft]	8.3
Nominal thickness insulation [mm]	0.41
Nominal outer diameter [mm]	10.03