

# M E S C

Middle East Specialized Cable  
CO-AXIAL CABLES

**RG-58/U**



| Packing length and MESC CODE              | Approximate Weight | Conductor |     |                                |                            | Insulation |            | Shield  | Jacket               |             | Nominal Impedence | Nominal Capacitance. | Nominal velocity Of propagation. | Nominal Attenuation |           |
|---|--------------------|-----------|-----|--------------------------------|----------------------------|------------|------------|---|----------------------|-------------|-------------------|----------------------|----------------------------------|---------------------|-----------|
|   |                    | Material  | AWG | Strands X diameter<br>No. x mm | Nom. D.C.<br>Res. at 20° C | Material   | Dia.<br>mm | Material & coverage<br>Nom. Shield resistance | Material             | Diameter mm | ohm               | pF/m                 | %                                | MHZ                 | db / 100m |
| 2562-01CRG58U-U2BK6-00<br>Reel of 1000 ft | 38.7               | BC        | 20  | 1 x 0.82                       | 32.8                       | PE         | 2.95       | TC wire braid<br>13.4<br>Ω / Km               | PVC<br>BLACK<br>90°C | 4.9         | 53                | 93                   | 66                               | 1                   | 1.1       |
|   |                    |           |     |                                |                            |            |            |   |                      |             |                   |                      |                                  | 10                  | 3.9       |
|   |                    |           |     |                                |                            |            |            |   |                      |             |                   |                      |                                  | 50                  | 10.2      |
|   |                    |           |     |                                |                            |            |            |   |                      |             |                   |                      |                                  | 100                 | 14.8      |
|   |                    |           |     |                                |                            |            |            |   |                      |             |                   |                      |                                  | 200                 | 22.3      |
|   |                    |           |     |                                |                            |            |            |   |                      |             |                   |                      |                                  | 400                 | 32.8      |
|   |                    |           |     |                                |                            |            |            |   |                      |             |                   |                      |                                  | 700                 | 45.9      |
|   |                    |           |     |                                |                            |            |            |   |                      |             |                   |                      |                                  | 900                 | 52.5      |
| 1000                                      | 55.8               |           |     |                                |                            |            |            |   |                      |             |                   |                      |                                  |                     |           |

Printing Text: TYPE CL2X CO-AXIAL RG-58/U 50 OHMS MESC-25002 YEAR

| LEGEND: |                                      |
|---------|--------------------------------------|
| BC      | ⇒ Bare Wire                          |
| TC      | ⇒ Tinned Copper                      |
| CUWLD   | ⇒ Copper Covered Steel (copper weld) |
| PE      | ⇒ Solid Polyethylene                 |
| FPE     | ⇒ Cellular (Foam) Polyethylene       |
| AL      | ⇒ Aluminum                           |
| AMT     | ⇒ Aluminum Mylar Tape                |
| PVC     | ⇒ Polyvinyl Chloride                 |