


| Properties                          | Extended Flex Life Flat Cable                                                      |
|-------------------------------------|------------------------------------------------------------------------------------|
|                                     |  |
| Part Number                         | 3539-XX                                                                            |
| Application                         | High flex life application                                                         |
| Conductor spacing (mm)              | 1.27                                                                               |
| Conductor type                      | 19 strands<br>tinned copper                                                        |
| Conductor size                      | 28 AWG                                                                             |
| Insulation material                 | PVC                                                                                |
| Colour                              | Grey                                                                               |
| First conductor marking             | Red                                                                                |
| Insulation resistance ( / 3m)       | > 1 x 10 <sup>10</sup>                                                             |
| Conductor quantity                  | 10, 14, 16, 20, 26,<br>34, 40, 50, 64                                              |
| Length (m)                          | 30.48                                                                              |
| Impedance ( ) unbalanced            | 106                                                                                |
| Capacitance (pF/m) unbalanced       | 43.8                                                                               |
| Inductance (µH/m) unbalanced        | 0.49                                                                               |
| Propagation delay (ns/m) unbalanced | 4.64                                                                               |
| Voltage rating (v)                  | 300                                                                                |
| Temperature rating (°C)             | -20 +105                                                                           |
| APPROVALS                           | UL E42769/<br>2651<br>CSA option<br>LL53649                                        |