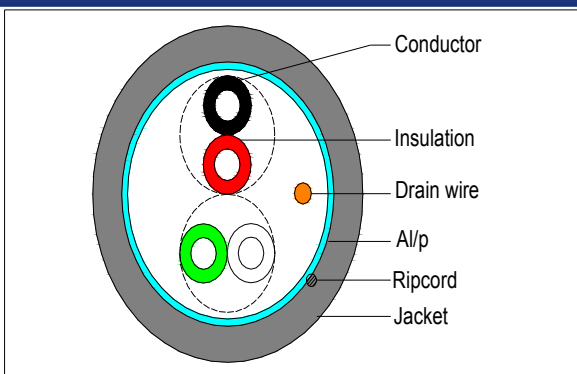


Two Twisted Pairs Screened Control Cable Part No.: 11814-2P7596

Cross Section



Electrical Characteristics (20 °C)

| Test Item | Units | Spec |
|--|---------|-------|
| 1.Max.Conductor DC Resistance | Ω/km | 39 |
| 2.Dielectric Strength between Pairs | kV/min | DC1.5 |
| 3.Min.Insulation Resistance between cores to screen | MΩ · km | 20 |

Cable Description

1) Conductor:

| | |
|-----------------|----------|
| Material | BC |
| Stranding | Stranded |
| Dia.(+/-0.01mm) | 0.200*16 |

2) Insulation:

| | |
|-----------------|-------------|
| Material | PVC |
| Dia.(+/-0.05mm) | 1.80 |
| Color Code | BK/RD&WH/GN |

3) Cabling:

| | |
|-------------------|-----------------------|
| Order of the Pair | See the Cross Section |
| Shielded | Al/p |
| Drain wire | TC0.2*7 |

4) Outer Sheath:

| | |
|----------------------|--------|
| Material | PVC |
| Dia.(+/-0.4mm) | 7.2 |
| Thickness(+/-0.05mm) | 0.90 |
| Ripcord | 500d*3 |

RoHS Guideline

| | |
|--------------------------------------|---------|
| Cadmium content (Cd) | < 0.01% |
| Lead content (Pb) | <0.1% |
| Mercury content (Hg) | <0.1% |
| Chromium (VI) content | <0.1% |
| Polybrominated Biphenyls (PBB) | <0.1% |
| Polybrominated Diphenyl Ether (PBDE) | <0.1% |

Sheath Mechanical Characteristics

Reference Standard: UL 444

| | |
|------------------------------|------------|
| Test Material | PVC |
| Before Tensile Strength(Mpa) | ≥13.8 |
| Aging Elongation(%) | ≥100 |
| After Tensile Strength(%) | ≥85 |
| Aging Elongation(%) | ≥50 |
| Cold Bend(-20±°C×4hrs) | No crack |
| Operating Temperature Range | -20~+60 °C |
| Min.Bend Radius(Install) | 15×D |

Revision History

| | |
|--------------------|------------------|
| | Rev.: A/1 |
| Prepared by: King | Date: 20/12/2017 |
| Approved by: Gavin | Page: 1 of 1 |

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