

IEEE 802.3, ISO/IEC 8802.3 10Base5

Transceiver Cables

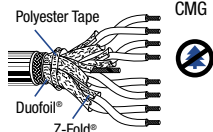
| De- scription | Part No. | UL NEC/ C(UL)CEC Type IEC | Standard Lengths | | Standard Unit Weight | | Conductor (Stranding) Diameter Nom. DCR | Nominal Insulation OD | | Shielding Material Nom. DCR | Nominal OD | | Nom. Imp. (Ω) | Nom. Vel. of Prop. | Nominal Capacitance | | Color Code |
|------------------|-------------|---------------------------------|---------------------|---|-------------------------|----|--|--------------------------|----|-----------------------------------|------------|----|---------------------|--------------------------|---------------------|------|------------|
| | | | ft. | m | lbs. | kg | | inch | mm | | inch | mm | | | pF/ft. | pF/m | |

28 and 24 AWG • Stranded (7x36) 0.4 mm and (7x32) 0.6 mm Tinned Copper • **Beldfoil**® • Twisted Pair •

Overall Polyester Isolation Tape + Duofoil® + 92% Tinned Copper Braid + 24 AWG Tinned Copper Drain Wire

Polypropylene Insulation • Light Grey PVC Jacket

| | | | | | | | | | | | | | | | | | |
|-------------------------------|-------------|----------------------------|-------------|------------|--------------|-------------|--|--------------------|------------------|---|-------------------|-----|-----|---------|--------------|---------------|--|
| 30V 80°C UL AWM Style 2919 | 9903 | NEC: CMG CEC: CMG | 500 1000 | 152 305 | 21.6 43.0 | 9.8 19.5 | 3-Pair: 0.38 mm 28 AWG (7x36) TC 1-Pair: 0.61 mm 24 AWG (7x32) TC | 0.033 0.044 | 0.84 1.12 | Individual Beldfoil® + Drain Wire (24 AWG TC) + Overall Duofoil® + 92% TC Braid | 0.250 6.35 | 78* | 66% | CDR/CDR | 19.7 34.8 | 64.6 114.2 | Grey/White, Yellow/Orange Blue/Green, Black/Red |
|-------------------------------|-------------|----------------------------|-------------|------------|--------------|-------------|--|--------------------|------------------|---|-------------------|-----|-----|---------|--------------|---------------|--|



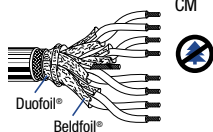
4-Pair
* 3-Pair

20 AWG • Stranded (7x28) 1.0 mm Tinned Copper • **Beldfoil**® • Twisted Pair •

Overall Polyester Isolation Tape + Duofoil® + 95% Tinned Copper Braid + 22 AWG Tinned Copper Drain Wire

Datalene® Insulation • Light Grey PVC Jacket

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|-------------------------------|-------------|-------------------------------|-------------|------------|---------------|--------------|-------------------------------|-------------------|---|--------------------|----|-----|---------|--------------|--------------|--|
| 30V 80°C UL AWM Style 2919 | 9901 | NEC: CL2, CM CEC: CM | 500 1000 | 152 305 | 53.6 106.3 | 24.3 48.2 | 1.0 mm 20 AWG (7x28) TC | 0.077 1.96 | Individual Beldfoil® + Drain Wire (22 AWG TC) + Overall Duofoil® + 95% TC Braid | 0.415 10.54 | 78 | 78% | CDR/CDR | 16.7 29.5 | 54.8 96.8 | Grey/White Yellow/Orange, Blue/Green, Black/Red |
|-------------------------------|-------------|-------------------------------|-------------|------------|---------------|--------------|-------------------------------|-------------------|---|--------------------|----|-----|---------|--------------|--------------|--|

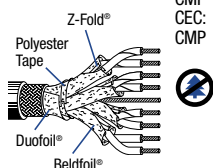


4-Pair

DEC Part No. 17-01320-00

Plenum • FEP Teflon® Insulation • Light Grey Fluorocopolymer (PVDF) Jacket**

| | | | | | | | | | | | | | | | | |
|-------|--------------|----------------------------|-------------------|------------|---------------|--------------|-------------------------------|-------------------|---|-------------------|----|-----|---------|--------------|--------------|--|
| 150°C | 89901 | NEC: CMP CEC: CMP | ** 500 ** 1000 | 152 305 | 51.6 104.3 | 23.4 47.3 | 1.0 mm 20 AWG (7x28) TC | 0.060 1.52 | Individual Beldfoil® + Drain Wire (22 AWG TC) + Overall Duofoil® + 95% TC Braid | 0.370 9.40 | 78 | 78% | CDR/CDR | 16.7 29.5 | 54.8 96.8 | Grey/White Yellow/Orange, Blue/Green, Black/Red |
|-------|--------------|----------------------------|-------------------|------------|---------------|--------------|-------------------------------|-------------------|---|-------------------|----|-----|---------|--------------|--------------|--|



4-Pair

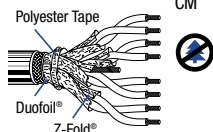
DEC Part No. 17-01319-00
Suitable for outdoor and direct burial applications.

20 and 22 AWG • Stranded (7x30) 0.8 mm and (7x28) 1.0 mm Tinned Copper • **Beldfoil**® • Twisted Pair •

Overall Duofoil® + 95% Tinned Copper Braid + 22 AWG Tinned Copper Drain Wire

Ethernet • Foam HDPE (22 AWG) and PVC (20 AWG) Insulation • Light Blue PVC Jacket

| | | | | | | | | | | | | | | | | | |
|-------------------------------|-------------|--------------------------|--------------------|------------------|---------------------|---------------------|--|--------------------|------------------|---|-------------------|-----|-----|---------|--------------|--------------|---|
| 30V 80°C UL AWM Style 2919 | 9891 | NEC: CM CEC: CM | 100 500 1000 | 30 152 305 | 8.2 35.9 70.1 | 3.7 16.3 31.8 | 3-Pair: 0.76 mm 22 AWG (7x30) TC 1-Pair: 0.96 mm 20 AWG (7x28) TC | 0.063 0.062 | 1.59 1.57 | Individual Beldfoil® + Drain Wire (22 AWG TC) + Overall Duofoil® + 95% TC Braid | 0.315 8.00 | 78* | 78% | CDR/CDR | 16.7 29.5 | 54.8 96.8 | Black/White Yellow/Orange, Blue/Green, Black/Red Blue/Green, Grey/Violet |
|-------------------------------|-------------|--------------------------|--------------------|------------------|---------------------|---------------------|--|--------------------|------------------|---|-------------------|-----|-----|---------|--------------|--------------|---|



4-Pair
* 3-Pair

TC = Tinned Copper • DCR = DC resistance • ** Foam FEP (data pairs) and solid FEP (power pair).
Duofoil® see technical information page 23.13. Teflon® is a DuPont trademark.

Not RoHS compliant at time of printing