

HOOK-UP WIRE

PVC INSULATION

MIL-W-76B TYPE MW
80°C, 1000 VOLT

CHARACTERISTICS

OPERATING TEMPERATURE:

- -40°C to 80°C

VOLTAGE RATING:

- 1000 Volt

PRODUCT DESCRIPTION:

- Conductor: Stranded or Solid Tinned Copper
- Insulation: Color-Coded PVC

SPECIFICATIONS

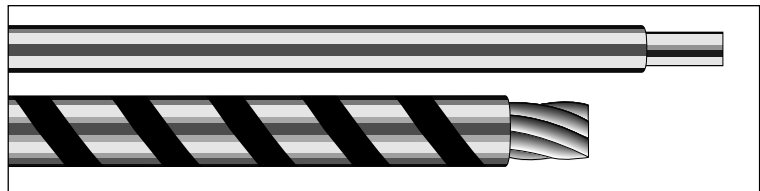
- MIL-W-76B Type MW



Passes
VW-1 Flame Test

AVAILABILITY

- 100 ft (30,5m), 1000 ft (305m) put-ups



STRANDED CONDUCTOR

| Alpha Part No. | Type Designation | Conductor AWG | Strand | Insul. Thickness | | Diameter | | Stock Colors* |
|----------------|------------------|---------------|--------|------------------|------|----------|------|---------------|
| | | | | Inches | mm | Inches | mm | |
| 1550 | MW-C24(7)U | 24 | 7/32 | 0.016 | 0,41 | 0.059 | 1,50 | 1-19 |
| 1551 | MW-C22(7)U | 22 | 7/30 | 0.016 | 0,41 | 0.064 | 1,63 | 1-19 |
| 1553 | MW-C20(10)U | 20 | 10/30 | 0.016 | 0,41 | 0.068 | 1,72 | 1-19 |
| 1555 | MW-C18(16)U | 18 | 16/30 | 0.016 | 0,41 | 0.078 | 1,98 | 1-19 |
| 1557 | MW-C16(26)U | 16 | 26/30 | 0.016 | 0,41 | 0.092 | 2,33 | 1-19 |
| 1559 | MW-C14(41)U | 14 | 41/30 | 0.016 | 0,41 | 0.101 | 2,56 | 1-10 |
| 1560 | MW-C12(65)U | 12 | 65/30 | 0.016 | 0,41 | 0.125 | 3,18 | 1-10 |

*See color chart below

SOLID CONDUCTOR

| Alpha Part No. | Type Designation | Conductor AWG | Strand | Insul. Thickness | | Diameter | | Stock Colors* |
|----------------|------------------|---------------|--------|------------------|------|----------|------|---------------|
| | | | | Inches | mm | Inches | mm | |
| 1561/24 | MW-C24(1)U | 24 | Solid | 0.016 | 0,41 | 0.055 | 1,40 | 1-6 |
| 1561 | MW-C22(1)U | 22 | Solid | 0.016 | 0,41 | 0.060 | 1,52 | 1-6 |
| 1563 | MW-C20(1)U | 20 | Solid | 0.016 | 0,41 | 0.066 | 1,68 | 1-6 |
| 1565 | MW-C18(1)U | 18 | Solid | 0.016 | 0,41 | 0.074 | 1,88 | 1-6 |

*See color chart below

*STOCK COLOR CHART

| | | | | | | | | | | |
|---------|---------|----------|----------|--------------------|----------------|-----------------|----------------|-----------------|-----------------|-----------------|
| 1-White | 3-Red | 5-Yellow | 7-Brown | 9-Gray | 11-White/Black | 13-White/Green | 15-White/Blue | 17-White/Orange | 19-White/Violet | 29-Yellow/Green |
| 2-Black | 4-Green | 6-Blue | 8-Orange | 10-Violet (purple) | 12-White/Red | 14-White/Yellow | 16-White/Brown | 18-White/Gray | 28-Green/Yellow | 30-Pink |