

WIRETEK, INC.

MANUFACTURER OF INSULATED WIRE & CABLE

TECHNICAL DATA SHEET

WireTek, Inc.	Product: M3432-06LGF(6/16)0350
Description:	6 CONDUCTOR AWG 16-65/34 BARE COPPER, TPE INSULATION AND TPE JACKET CABLE LIGHT GENERAL PURPOSE MEDIUM LOW TEMPERATURE -40°C TO +75°C
ELECTRICAL CHARACTERISTICS:	
MAX. CONDUCTOR DC RESISTANCE @ 20°C:	4.49 OHMS / 1000 FEET
SPARK TEST VOLTAGE(VOLTS, RMS):	3,000 VOLTS
DIELECTRIC WITHSTAND (VOLTS):	1,000 VOLTS
COLOR CODE (AS PER MIL-STD-686C):	BLACK, WHITE, GREEN, RED, BLUE & ORANGE
PHYSICAL CHARACTERISTICS:	
TEMPERATURE RATING:	-40°C TO 75°C
VOLTAGE:	300V
MILITARY SPECIFICATION:	MIL-DTL-3432 G / H / J LATEST REV.
NOM. WEIGHT / 1000 FEET	76.00 LBS (APPROXIMATE)
NOM. COPPER WEIGHT / MFT	51.00 LBS PER 1000 FEET
CONDUCTOR MATERIAL & DIAMETER:	AWG 16-65/34 STRANDED BARE COPPER .063" NOM.
INSULATION MATERIAL & DIAMETER (COPPER + INSULATION):	TPE(O) OR TPE(S) .099" NOMINAL
BRAID:	N/A
TENSILE STRENGTH(UNAGED):	1000 PSI MINIMUM
ELONGATION(UNAGED):	250% MINIMUM
SEPARATOR:	100% CLEAR MYLAR WITH 25% MIN. OVERLAP
FILLERS:	JUTE (OPTIONAL) – TO MAKE THE CABLE ROUND
JACKET MATERIAL & DIAMETER:	TPE(O) OR TPE(S) – BLACK COLOR .350" NOM.
JACKET LEGEND:	M3432-06LGF(6/16)0350
MARKING TAPE:	YES – UNDER THE JACKET
CABLE RATING & CONSTRUCTION: MIL-DTL-3432 G / H / J LASTEST REV.	

NOTE: THIS TPE/TPR MATERIAL HAS A WORKING TEMPERATURE OF -60°C TO 125°C
NOTE: WIRETEK, INC. MANUFACTURE ALL IT'S MIL-DTL-3432 CABLES WITH BARE COPPER CONDUCTOR AND TIN COPPER BRAID AS STANDARD. BUT MAY SUBSTITUTE BARE COPPER CONDUCTOR WITH TIN COPPER CONDUCTOR, WE WILL ONLY DO SO AFTER GETTING APPROVAL FROM THE CUSTOMER. WE ALSO MANUFACTURE MIL-DTL-3432 CABLES WITH BARE COPPER BRAID UPON REQUEST. ALL OPTIONS ARE ALLOWED AS PER THE SPEC.

WIRETEK, INC. 48 EAST NEWBERRY ROAD, BLOOMFIELD CT 06002