

<b>WireTek, Inc.</b>	<b>M3432-08LHE(2/24SX2-2/24X1-2/16X1)SJ0490</b>	<b>Data Sheet</b>
<b>Description:</b>	8C COMPOSITE CABLE WITH BARE COPPER CONDUCTOR, TPE INSULATION AND TPE JACKET CABLE LIGHT DUTY – LOW TEMPERATURE, HEAT AND WEATHER RESISTANT	
<b>PRIMARY CONDUCTOR:</b>		
1 <sup>ST</sup> CONDUCTOR GAUGE:	AWG 24 BARE COPPER	
CONDUCTOR STRANDING:	41 STRANDS BARE COPPER	
INSULATION:	.016" TPE/TPR	
NOMINAL WIRE OD:	.057"	
MAX. CONDUCTOR DC RESISTANCE @ 25°C:	24.50 OHMS / 1000 FEET	
2 <sup>ND</sup> CONDUCTOR GAUGE:	AWG 16 BARE COPPER	
CONDUCTOR STRANDING:	105 STRANDS BARE COPPER	
INSULATION:	.018" TPE/TPR	
NOMINAL WIRE OD:	.101"	
MAX. CONDUCTOR DC RESISTANCE @ 25°C:	4.49 OHMS / 1000 FEET	
COLORS:	AS PER MIL-STD-686C & MIL-DTL-3432	
RoHS COMPLIANT:	YES	
<b>PART 1:</b>		
<b>2 COMPONENTS - 2C AWG 24 CABLE AND SHIELDED WITH 85% MIN. BRIAD</b>		
COMPONENT CABLING:	2C CABLED TOGETHER	
SEPARTATOR:	CLEAR MYLAR OVER THE CABLE CORE WITH 100% CONVERAGE AND 25% MINIMUM OVERLAP	
BRAID:	TIN COPPER BRAID WITH 85% MINIMUM COVERAGE	
SEPARATOR:	CLEAR MYLAR OVER THE BRAIDED CABLE CORE WITH 100% CONVERAGE AND 25% MINIMUM OVERLAP	
<b>PART 2:</b>		
<b>1 COMPONENT - 2C AWG 24 CABLE</b>		
COMPONENT CABLING:	2C CABLED TOGETHER	
SEPARTATOR:	CLEAR MYLAR OVER THE CABLE CORE WITH 100% CONVERAGE AND 25% MINIMUM OVERLAP	
<b>PART 3:</b>		
<b>1 COMPONENT - 2C AWG 16 CABLE</b>		
COMPONENT CABLING:	2C CABLED TOGETHER	
SEPARTATOR:	CLEAR MYLAR OVER THE CABLE CORE WITH 100% CONVERAGE AND 25% MINIMUM OVERLAP	

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<b>OVERALL ALL CABLING</b>		
CORE:	3 COMPONENTS – PART 1, PART 2 AND PART 3 ARE CABLED TOGETHER	
FILLERS:	JUTE (OPTIONAL) – USED TO MAKE THE CORE ROUND	
SEPARATOR:	CLEAR MYLAR OVER THE CABLE CORE WITH 100% COVERAGE AND 25% MINIMUM OVERLAP	
BRAID:	85% MIN. TIN COPPER BRAID SHIELD	
SEPARATOR:	CLEAR MYLAR OVER THE BRAID WITH 100% COVERAGE AND 25% MINIMUM OVERLAP	
<b>JACKET:</b>		
JACKET MATERIAL:	TPE/TPR AS PER THE STANDARD	
JACKET COLOR:	BLACK	
NOMINAL DIAMETER:	.490" ± .015"	
SURFACE MARKING:	M3432-08LHE(2/24SX2-2/24X1-2/16X1)SJ0490	
MARKING TAPE UNDER THE JACKET:	COMPANY NAME & YEAR OF MANUFACTURE	
SPARK TEST:	3,000 VOLTS	
DIELECTRIC VOLTAGE WITHSTAND:	1,500 VOLTS	
CABLE WEIGHT:	135 LBS / 1000 FEET (APPROXIMATELY)	
<b>CERTIFICATION:</b>		
MILITARY STANDARD:	MIL-DTL-3432 LATEST REVISION	