



**TE Wire & Cable**  
The most trusted name in thermocouple wire since 1941

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PART NUMBER: <b>FW11942</b>	PART DESCRIPTION: <b>UP/ALPTWK-12-20F-JX SP</b>	DATE: <b>2023-08-01</b>	REV: <b>A</b>
PREPARED BY: JR	CUSTOMER APPROVAL/DATE:		
CHECKED BY: JD			
DIMENSIONS ARE IN INCHES. DIMENSIONS ARE NOMINAL UNLESS OTHERWISE SPECIFIED.			
<u>PRODUCT SPECIFICATION</u>			
CONDUCTOR TYPE: <b>STANDARD TOLERANCE THERMOCOUPLE EXTENSION TYPE J PER ASTM E230</b>			
CONDUCTOR SIZE: <b>20 AWG, 7 STRANDS</b>			
INSULATION: <b>EXTRUDED POLYVINYL CHLORIDE (PVC)</b>			
INSULATION COLOR: <b>+ WHITE, - RED</b>			
TWISTING: <b>CONDUCTORS ARE TWISTED TOGETHER</b>			
PAIR NUMBERING: <b>EACH CONDUCTOR PER TWISTED GROUP IS NUMBER PRINTED</b>			
CABLING: <b>PAIRS ARE TWISTED TOGETHER</b>			
NUMBER OF PAIRS: <b>12</b>			
OVERALL SHIELD: <b>HELICALLY WRAPPED ALUMINUM/POLYESTER TAPE</b>			
OVERALL DRAIN: <b>20 AWG, 7 STRANDS, TIN PLATED COPPER</b>			
JACKET: <b>EXTRUDED POLYVINYL CHLORIDE (PVC)</b>			
JACKET COLOR: <b>BLACK</b>			
FINAL DIAMETER: <b>0.584</b>			
UL RATING: <b>PLTC 300 V PER UL 13</b>			
PRINT LEGEND: <b>TE WIRE &amp; CABLE (UL) TYPE PLTC 105C 20 AWG 12 PAIR THCPL EXTN TYPE JX SUN RES WWW.TEWIRE.COM</b>			
TEMPERATURE RATING: <b>105 °C</b>			

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