



Tray cables rated 600V are multi-conductor and multi-pair control, signal and power cables as defined by the National Electrical Code (NEC) article 336. Approved for installation in cable trays, raceways and one- and two-family dwelling units.

CONSTRUCTION				
COMPONENTS	CONDUCTORS	INSULATION	COLOR CODE	CORE WRAP
COMPONENT 1	3x6 AWG 19 STRAND BARE COPPER	PVC	BLACK, RED, WHITE	
COMPONENT 2	1x8 AWG 19 STRAND BARE COPPER	PVC	GREEN	
COMPONENT 3				

ASSEMBLY		
FILLER	LAY LENGTH	CORE WRAP
POLYPROPYLENE	9.25	P-TAPE

JACKET		
OUTER JACKET	JACKET COLOR	LEGEND TYPE
PVC	TBD (WHITE)	INKJET

PHYSICAL PROPERTIES	
INSULATION RATING:	90°C DRY / 75°C WET

ELECTRICAL PROPERTIES	
VOLTAGE:	600V

SAMPLE PRINT LEGEND
(UL) E123456 CONNEX™ POWER & CONTROL TRAY CABLE TYPE 6 AWG 3/C 8 AWG 1/GRND THW TCERJP 600V 90°C D / 75°C W SUNRES DIRECT BUR PART# 6X3WG-EV

NEC 336.10 (9)
TCERJP IS SUITABLE FOR USE IN ONE- AND TWO-FAMILY DWELLING UNITS FOR CIRCUITS CONTAINING BOTH POWER AND CONTROL CONDUCTORS

CONDUCTORS
ASTM B 3 ASTM B 8

INSULATION
ICEA S-95-658 (NEMA WC 70), ICEA S-73-532 (NEMA WC 57), UL 83 FOR TYPE THW WIRES

JACKET
ICEA S-95-658 (NEMA WC 70), ICEA S-73-532 (NEMA WC 57), UL 1277

PHYSICAL CHARACTERISTICS		
CABLE WEIGHT	COPPER WEIGHT	NOMINAL CABLE OD
458 LB/MFT	292 LB/MFT	0.750 IN (19.05 MM)

