



CABLE TECHNOLOGY, INC.

73 RIVER ROAD - WILLINGTON, CT 06279 - (860) 429 - 7889 FAX (860) 429 - 3615

BELDEN 8434 EQUAL

(NOTE: ALL CONDUCTORS ARE #25 7/33 TINNED COPPER [NO STEEL])

CONDUCTORS: #25 7/33 TINNED COPPER INSULATED WITH .013" POLYETHYLENE
.047" OD

ONE

SHIELDED PAIR: TWIST TWO (2) CONDUCTORS TOGETHER TO FORM A PAIR
(RED PAIRED WITH BLACK)
#25 7/33 TINNED COPPER DRAIN
ALUMINUM/POLYESTER TAPE SHIELD (FOIL FREE EDGED, FOIL
FACING IN)

ONE

UNSHIELDED PAIR: TWIST TWO (2) CONDUCTORS TOGETHER TO FORM A PAIR
(GREEN PAIRED WITH WHITE)

CABLING: CABLE THE ONE SHIELDED PAIR AND ONE UNSHIELDED PAIR
TOGETHER

OVERALL

TAPE SHIELD: WRAP WITH AN ALUMINUM/POLYESTER TAPE SHIELD
FOIL FACING OUT (NO DRAIN)

JACKET: .020" CHROME GRAY PVC

NOM OD: .165"

NO JACKET PRINT

NOTES:

RoHS COMPLIANT 8434
CE EU DIRECTIVE 2000/53/EC (ELV)
OPERATING TEMPERATURE RANGE: -20°C TO +80°C
NON-UL TEMPERATURE RATING: 80°C
BULK CABLE WEIGHT: 13.600 LBS/1000 FT.
MAX. RECOMMENDED PULLING TENSION: 41 LBS.
MIN. BEND RADIUS (INSTALL)/MINOR AXIS: 1.700 IN.

ELECTRICAL CHARACTERISTICS (OVERALL)

NOM. INDUCTANCE: INDUCTANCE (μH/FT) .2
NOM. CAPACITANCE CONDUCTOR TO CONDUCTOR: CAPACITANCE (PF/FT) 25
NOM. CAPACITANCE COND. TO OTHER CONDUCTOR & SHIELD: CAPACITANCE (PF/FT) 40
NOM. CONDUCTOR DC RESISTANCE: DCR @ 20°C (OHM/1000 FT) 45.5
IND. PAIR NOMINAL SHIELD DC RESISTANCE @ 20°C: 18.900 OHM/1000 FT
MAX. OPERATING VOLTAGE - NON-UL: VOLTAGE 400 V RMS
MAX. RECOMMENDED CURRENT: CURRENT 1.3 AMPS PER CONDUCTOR @ 25°C

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