



6/08/2021
REV. 1

TECHNICAL DATA SHEET

YC45794

I. DESCRIPTION:

TYPE PLTC: 1 PAIRS - 18(7X) AWG BARE CU CONDUCTORS WITH XLP INSULATION, OVERALL BELDFOIL® SHIELD WITH DRAIN, FILLER AS REQUIRED, PVC JACKET.

II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE: 300 VOLTS RMS
NOM. CONDUCTOR DC RESISTANCE @ 20°C: 5.86 OHMS/1000'

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING: -30C TO 90C
INSULATION MATERIAL: XLP
NOMINAL INSULATION WALL THICKNESS: 0.022"
NOMINAL CONDUCTOR DIAMETER: 0.09"
CONDUCTOR DIAMETER TOLERANCE: +/-0.002"
JACKET MATERIAL: PVC, SUN RES, DIR BUR
NOMINAL JACKET WALL THICKNESS: 0.037"
SHIELD TYPE - COVERAGE: OVERALL BELDFOIL® SHIELD WITH DRAIN - 100%
NOMINAL OVERALL DIAMETER: .258"
OVERALL DIAMETER TOLERANCE: +0.006"/-.004"
MINIMUM BEND RADIUS: 2.6"
MAXIMUM PULLING TENSION (CONDUCTORS ONLY): 26 LBS.
ESTIMATED CABLE WEIGHT: 35 LBS/1000 FT
COLOR CODE: GREEN & YELLOW
APPLICABLE SPECIFICATION(S): NEC TYPE PLTC (UL13)
FLAME RATING(S): UL 1685 VERTICAL TRAY
OTHER:

© 2011 Belden Wire & Cable Company All Rights Reserved.

All information contained herein is confidential. Its use is restricted to authorized Belden personnel or authorized vendors or customers of Belden. Under no circumstances shall this document be duplicated in any form or shown to/discussed with unauthorized personnel without the expressed written consent of Belden. Although Belden makes every reasonable effort to ensure accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability or suitability for a given purpose. Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory, or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence, or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein. All sales of Belden products are subject to Belden's standard terms and conditions of sale.

PENG: AAO