

Detailed Specifications & Technical Data

2 Pair 22G Braid Shielded RS-485 Direct Burial



2PR485DBBK1000

Construction & Dimensions

CONDUCTOR PARAMETERS	
Number of Pairs	2
AWG Size	22
Conductor Stranding	7 x 30
Conductor Type	Tinned Copper
Nominal DCR	17.4 Ω/1000 ft
INSULATION PARAMETERS	
Insulation Type	Foam PE
Insulation Thickness	.025 in
Insulation Color Code	White/Blue Stripe & Blue/White Stripe, White/Orange Stripe & Orange/White Stripe
SHIELDING PARAMETERS	
Shield Type	100% Aluminum Foil + 65% Tinned Braid
Drain Wire	22 AWG (7 x 30) TC
Waterblocking Tape	100% Coverage Water Blocking Tape
ELECTRICAL CHARACTERISTICS	
Nominal Impedance	120 Ω
Nominal Capacitance Between Conductors	11 pf/ft
Nominal Capacitance Conductor to Shield	20.9 pf/ft

OVERALL CONSTRUCTION PARAMETERS	
Jacket Type	CPE - Chlorinated Polyethylene
Nominal Cable O.D.	.387 in
Plenum	No
NEC UL Rating	CM
RoHS Compliant	Yes
Environment	Indoor, Outdoor, CM Rated, Oil Resistant
Bend Radius	4.6 in
Pull Tension	80 lbs
Cable Weight	71 lbs

ELECTRICAL CHARACTERISTICS	
UL Flammability	UL1685
Operating Range	-20 to 60° C
UL Voltage Rating	300