

Detailed Specifications & Technical Data

2 Pair 22 AWG Shielded CMP Rated - RS-485 - OSDP



D25222P

CONDUCTOR PARAMETERS

Number of Pairs	2
AWG Size	22
Conductor Stranding	7x30
Conductor Type	Tinned Copper
Nominal DCR	17 Ω /1000 ft

INSULATION PARAMETERS

Insulation Type	FEP Foamed
Insulation Thickness	0.015 in
Insulation Color Code	1. White/Green 2. Brown/Blue

SHIELDING PARAMETERS

Shield Type	Individually Shielded Pairs
Drain Wire Type	Tinned Copper
Drain Wire AWG	24 AWG

ELECTRICAL CHARACTERISTICS

Nominal Impedance	120 Ω
Nom. Cap. Between Conductors	13.5 pF/ft
Nom. Cap. Conductor to Shield	25 pF/ft

OVERALL CONSTRUCTION PARAMETERS

Total Number of Conductors	4
Jacket Type	Flexible Plenum- White
Jacket Thickness	0.018 in
Nominal Cable O.D.	0.277 in
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Pull Tension	58 lbs
Bend Radius	1.6 in
Cable Weight	27 lbs

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS

Nominal Velocity of Propagation (VP)	72%
UL Flammability	NFPA 262 Plenum
Operating Range	-0 to 75°C
UL Voltage Rating	300