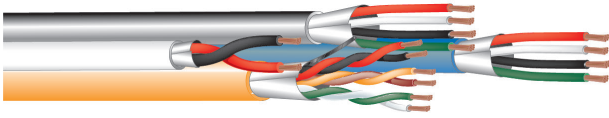


Detailed Specifications & Technical Data



BP253PSH

This access control cable features:

- Unjacketed Peel Design
- Compatibility with Readers, Lock Power, REX & Door Contacts
- Construction: All Shielded Components 2 Cond. 22AWG, 4 Cond. 18AWG, 4 Cond. 22AWG & 3 Pr. 22AWG

Construction & Dimensions

	Card Reader	Door Contact	Request To Exit	Lock Power
CONDUCTOR PARAMETERS				
Number of Conductors	—	2	4	4
Number of Pairs	3	—	—	—
AWG Size	22	22	22	18
Conductor Stranding	7x30	7x30	7x30	7x26
Conductor Type	Bare Copper	Bare Copper	Bare Copper	Bare Copper
Nominal DCR	17 Ohm/1000ft	17 Ohm/1000ft	17 Ohm/1000ft	6.2 Ohm/1000ft
INSULATION PARAMETERS				
Insulation Type	Plenum PVC	Plenum PVC	Plenum PVC	Plenum PVC
Insulation Thickness	0.007 in	0.007 in	0.007 in	0.008 in
Insulation Color Code	Black - Red - White - Green Brown - Orange	Black - Red	Black - Red White - Green	Black - Red - White Green
SHIELDING PARAMETERS				
Shield Type	Overall 100% Aluminum Foil	Overall 100% Aluminum Foil	Overall 100% Aluminum Foil	Overall 100% Aluminum Foil
Drain Wire Type	Tinned Copper	Tinned Copper	Tinned Copper	Tinned Copper
Drain Wire AWG	24 AWG	24 AWG	24 AWG	24 AWG
ELECTRICAL CHARACTERISTICS				
Nom. Cap. Between Conductors	33 pF/ft	55 pF/ft	33 pF/ft	40 pF/ft
Nom. Cap. Conductor to Shield	60 pF/ft	99 pF/ft	60 pF/ft	76 pF/ft
INNER JACKET COLOR				
	Orange – .216 in	White – .120 in	Blue – .147 in	Gray – .193 in

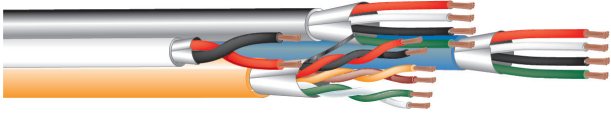
Construction

OVERALL CONSTRUCTION PARAMETERS	
Total Number of Conductors	16
Jacket Type	None - Unjacketed Peel Design
Nominal Cable O.D.	0.420 in
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Bend Radius	4.85 in
Cable Weight	100 lbs
Pull Tension	200 lbs

Electrical & Optical Characteristics

KEY FEATURES	
UL Flammability	NFPA 262 Plenum
Operating Range	-0 to 75 Deg C
UL Voltage Rating	300

Detailed Specifications & Technical Data



BP253PSH

Related Products

RELATED PRODUCTS

Non Plenum Number

None

Part Numbers

Part Numbers

BP253PSH1000

Unjacketed - 1000ft Put-Up

BP253PSH0500

Unjacketed - 500ft Put-Up

BELDEN: 658AFS

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