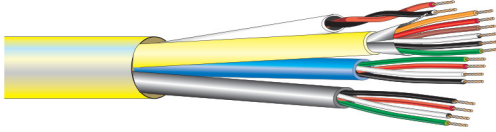


## Detailed Specifications & Technical Data

### AC253PSH



2 COND., 22 AWG + 4 COND., 18 AWG + 4 COND., 22 AWG + 3 PAIR, 22 AWG SHIELDED FLEX PLENUM, YELLOW JACKET

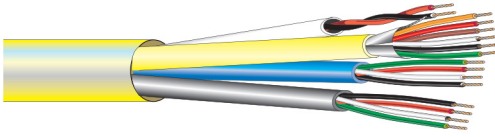
Access Control Complete Design: Reader, Lock Power, REX, Door Contact

### Construction & Dimensions

Component	Card Reader	Door Contact	Request To Exit	Lock Power
<b>CONDUCTOR PARAMETER</b>				
Number of Conductors	-	2	4	4
Number of Pairs	3	-	-	-
AWG Size	22	22	22	18
Conductor Stranding	7 x 30	7 x 30	7 x 30	7 x 26
Conductor Type	Bare Copper	Bare Copper	Bare Copper	Bare Copper
Nominal DCR	17 Ω/1000 ft	17 Ω/1000 ft	17 Ω/1000 ft	6.2 Ω/1000 ft
<b>INSULATION PARAMETER</b>				
Insulation Type	Plenum PVC	Plenum PVC	Plenum PVC	Plenum PVC
Insulation Thickness	.009 in	.009 in	.009 in	.010 in
Insulation Color Code	1. Black, Red, 2. White, Green, 3. Brown, Blue	1. Black, 2. Red	1. Black, 2. Red, 3. White, 4. Green	1. Black, 2. Red, 3. White, 4. Green
<b>SHIELDING PARAMETER</b>				
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
<b>ELECTRICAL CHARACTERISTICS</b>				
Nom. Cap. Between Conductors	34 pF/ft	54 pF/ft	34 pF/ft	54 pF/ft
Nom. Cap. Conductor to Shield	62 pF/ft	97 pF/ft	62 pF/ft	97 pF/ft
<b>INNER JACKET COLOR</b>	Orange	White	Blue	Gray

<b>OVERALL CONSTRUCTION PARAMETERS</b>	
Total Number of Conductors	16
Jacket Type	Flexible Plenum
Nominal Cable O.D.	0.485 in
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Bend Radius	4.85 in
Cable Weight	106 lbs

<b>OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS</b>	
UL Flammability	NFPA 262 Plenum
Operating Range	0 to 60°C
UL Voltage Rating	300



## AC253PSH

### RELATED PRODUCTS

Non Plenum Number	None
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### Part Number

AC253PSHYE1000	Yellow Jacket   1000 ft Wooden Reel
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