

# -GENESIS-

## Riser Rated Access Control Composite Cable Part Number: 2296

### 22/3-pair Stranded Shielded, 22/4 Stranded Shielded, 22/2 Stranded Shielded, 18/4 Stranded Shielded

Ratings CMR, CL3R, FT4, Sunlight Resistant  
Approvals ETL Listed

#### Construction

Component	Door Strike	Card Reader	Door Contact	Request to Exit
Conductor	18 AWG 19 Strand Bare Copper	22 AWG 7 Strand Bare Copper	22 AWG 7 Strand Bare Copper	22 AWG 7 Strand Bare Copper
Conductor Count	4	6 (3 pairs), 3.25" lay	2	4
Insulation	PP	PP	PP	PP
Twist (pair) lay length	-	1.5" / 1.5" / 1.5"	-	-
Cable Lay Length	3.50"	3.25"	2.00"	2.50"
Insulation Colors	Black, Red, White, Green	Black, Red, White, Green, Brown, Blue	Black, Red	Black, Red, White, Green
Shielding	Aluminum Foil/Mylar with Drain	Aluminum Foil/Mylar with Drain	Aluminum Foil/Mylar with Drain	Aluminum Foil/Mylar with Drain
Rip Cord	Yes	Yes	Yes	Yes
Jacket / Color	PVC / Orange	PVC / White	PVC / Blue	PVC / Green
Assembly	Four components are cabled			
Overall Jacket Type / Diameter	PVC / 0.410" nom.			

#### Print Legends

GENESIS DOOR STRIKE P/N 2215 4C 18AWG SHIELDED 3038058 (ETL) CL3R OR FPLR OR CMR C(ETL)US FT4 SUN RES 75C (RoHS) W/O# XXXXXX-XXXXXXX XXXXFT A B C D E F 1 2 3 4 5 6 7 8 9

GENESIS CARD READER P/N 2286 3PR 22AWG SHIELDED 3038058 (ETL) CL3R OR FPLR OR CMR C(ETL)US FT4 SUN RES 75C (RoHS) W/O# XXXXXX-XXXXXXX XXXXFT A B C D E F 1 2 3 4 5 6 7 8 9

GENESIS DOOR CONTACT P/N 2202 2C 22AWG SHIELDED 3038058 (ETL) CL3R OR FPLR OR CMR C(ETL)US FT4 SUN RES 75C (RoHS) W/O# XXXXXX-XXXXXXX XXXXFT A B C D E F 1 2 3 4 5 6 7 8 9

GENESIS REQUEST-TO-EXIT P/N 2204 4C 22AWG SHIELDED 3038058 (ETL) CL3R OR FPLR OR CMR C(ETL)US FT4 SUN RES 75C (RoHS) W/O# XXXXXX-XXXXXXX XXXXFT A B C D E F 1 2 3 4 5 6 7 8 9

#### Overall Jacket Print Legend

GENESIS ACCESS CONTROL P/N 2296 4C 18AWG + 12C 22AWG 3038058 (ETL) CL3R OR FPLR OR CMR C(ETL)US FT4 SUN RES 75C (RoHS) W/O# XXXXXX-XXXXXXX XXXXFT A B C D E F 1 2 3 4 5 6 7 8 9

#### Properties

Component	Door Strike	Card Reader	Door Contact	Request to Exit
Operating Voltage	300 Volts max.	300 Volts max.	300 Volts max.	300 Volts max.
DC Resistance @20°C	6.5 Ohms/1000' nom.	16.5 Ohms/1000' nom.	16.5 Ohms/1000' nom.	16.5 Ohms/1000' nom.
Capacitance	24 pF/ft. nom.	21 pF/ft. nom.	21 pF/ft. nom.	21 pF/ft. nom.
Impedance @20°C	42 Ohm. nom.	53 Ohms nom.	53 Ohms nom.	53 Ohms nom.

Temperature -20°C to 75°C  
Flame Rating UL 1666 (Riser); CSA C22.2 No. 2556 (FT4)  
RoHS Compliant Yes

Country of Origin USA

Published: 2019-08-29