

Fire Alarm Power-Fire Protective Signaling Circuit Cable

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WIPE hotwire Fire Alarm Power-Limited Signaling Circuit Cables are engineered to deliver consistent signal transmission and enhanced durability for critical fire protection systems. Built with solid ATC and ABC conductors with PVC insulation, they support dependable emergency communication across commercial and industrial facilities. From smoke detectors to control panels, fire alarm cables ensure alarm signals travel reliably and without interruption, forming the essential link in every fire protection and life safety system.



Key Features

-  105°C temperature rating for high reliability under fire conditions
-  300V voltage grade
-  Conductor sizes from 12 AWG to 22 AWG
-  2-core, 4-core, and 6-core configurations
-  Unshielded and Aluminum foil shielded variants available
-  Solid ATC and ABC conductor options
-  Stranded ATC and silver-plated conductor options
-  PVC insulation and jacket for consistent performance

Applications

-  Fire alarm and detection systems
-  Power-limited fire protective signaling circuits
-  Commercial and industrial fire protection infrastructure
-  Emergency communication and notification systems
-  Building life safety and monitoring network

Construction

- Solid ATC or ABC conductors
- Overall Aluminum foil shielding on shielded variants
- PVC insulation
- PVC outer jacket

Part Number	Cable Type	Drawing	Voltage Grade (V)	No. of Core	Cable Size	Construction
WCB06CPT0101	105°C • Unshielded	#VALUE	300	6 Core	22 AWG	Solid ATC Conductors • PVC Insulation • PVC Jacket
WCB02CJT0101	105°C • Unshielded		300	2 Core	18, 16, 14 & 12 AWG	Solid ABC Conductors • PVC Insulation • PVC Jacket
WCB02CJT01M1	105°C • Aluminum Foil Shielded		300	2, 4 Core	18, 16, 14 & 12 AWG	Solid ABC Conductors • PVC Insulation • Overall Aluminum Foil Shielding • PVC Jacket

Note : Part codes listed in this table apply only to the standard cable constructions. Customized or non-standard cable constructions shall be assigned part codes as per the nomenclature defined in this catalogue