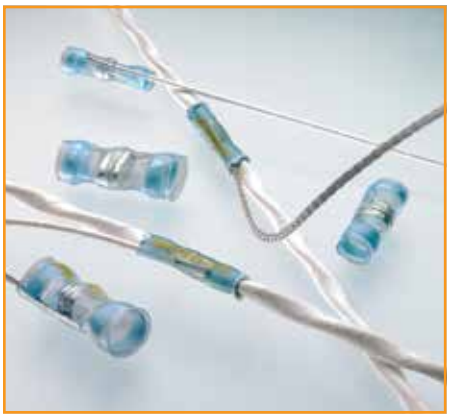
RAYCHEM
S200 SHIELD TERMINATORS
FAST, EASY SHIELD TERMINATION AND GROUNDING TO 200°C

RAYCHEM S200 SHIELD TERMINATORS

High-Performance, High-Temperature Cable Terminators



ECONOMICAL

- One-piece design allows for a single-step, simplified installation and a low total installed cost
- Bi-alloy or thermochromic temperature indicator works as a process control aid and simplifies operator training
- Offered in various sizes and ground lead configurations

CAPABLE

- Provides a completely soldered, strain-relieved termination
- Heat-shrinkable sleeve helps provide insulation, inspectability, and strain relief
- Designed for high-temperature applications up to 200°C
- Sealing inserts helps ensure reliable, environmental protection

APPLICATIONS

- Shield termination of cables subjected to a minimum temperature rating of 150°C and maximum operating temperature of 200°C
- Protecting and sealing for BMS 13-60 PTFE wrapped cables and M27500 cables with PTFE/polyimide jackets

Heat-Shrinkable Sleeve for Fast, Reliable, Economical Cable Shield Termination and Grounding

An important extension of the Raychem SolderSleeve family, S200 shield termination devices were developed specifically to address the need for high-temperature connecting, insulating, and sealing for applications in the aerospace and defense industry.

Wide Selection

Offered in various sizes and ground lead configurations, our S200 shield termination devices provide environmentally protected shield termination on cables with a minimum temperature rating of 150°C, and silver or nickel-plated shields.

Fast Installation and Lower Costs

Convenient to use, the one-piece design of S200 shield termination devices help ensure reliable environmental protection and greatly simplified installation for a lower total installed cost.

MATERIALS

- **Solder**: Tin 96%/Silver 4% bi-alloy solder
- **Tubing**: Heat-shrinkable modified fluoropolymer
- **Inserts**: Thermoplastic fluoropolymer

STANDARDS AND SPECIFICATIONS

- **Industry Standards**:
  SAE-AMS-DTL-23053/13 (applies to heat-shrinkable insulation sleeve only)
  SAE-AS83519 (modified for 200°C applications)
  EU RoHS/ELV compliant
- **TE Instruction Sheet**: RCPS-100-71
- **TE Qualification and Test Report**: Available on request

MECHANICAL/ENVIRONMENTAL

- **Operating Temperature**: 150°C to 200°C
- **Durability**: Heat-shrinkable sleeve adheres and seals to provide a completely soldered, strain-relieved termination

TE Components . . . TE Technology . . . TE Know-how . . .
AMP | Agastat | CII | Hartman | Kilovac | Microdot | Nanonics | Raychem | Rochester | DEUTSCH

Get your product to market faster with a smarter, better solution.

ORDERING INFORMATION

Without Ground Lead

Jacket OD (mm)	Shield (mm)	Product Description	Raychem Part Number
1.90	0.90	S200-1-00	F92583-000
2.65	1.40	S200-2-00	F94898-000
4.30	2.15	S200-3-00	A65903-000
5.95	3.30	S200-4-00	E32454-000
6.90	4.30	S200-5-00	D12074-000

With Pre-Installed Nickel-Plated Braid (6 in.)

Jacket OD (mm)	Shield (mm)	Product Description	Raychem Part Number
1.90	0.90	S200-1-01	CS5526-000
2.65	1.40	S200-2-01	A87947-000
4.30	2.15	S200-3-01	F26506-000
5.95	3.30	S200-4-01	A59779-000
6.90	4.30	S200-5-01	D92195-000

With Pre-Installed High Nickel-Plated Braid (10 in.)

Jacket OD (mm)	Shield (mm)	Product Description	Raychem Part Number
1.90	0.90	S200-1-01-100HN	D89883-000
2.65	1.40	S200-2-01-100HN	A87947-000
4.30	2.15	S200-3-01-100HN	A59779-000
5.95	3.30	S200-4-01-100HN	C69495-000
6.90	4.30	S200-5-01-100HN	D92195-000

With Pre-Installed MIL-W-22759/91-22-9 Wire

Jacket OD (mm)	Shield (mm)	Product Description	Raychem Part Number
1.90	0.90	S200-1-W1-22-9	C88166-000
2.65	1.40	S200-2-W1-22-9	A74731-000
4.30	2.15	S200-3-W1-22-9	F99801-000
5.95	3.30	S200-4-W1-22-9	E69675-000
6.90	4.30	S200-5-W1-22-9	A51466-000

With Pre-Installed MIL-W-22759/87-18-9 Wire

Jacket OD (mm)	Shield (mm)	Product Description	Raychem Part Number
1.90	0.90	S200-1-W2-18-9	CB0218-000
2.65	1.40	S200-2-W2-18-9	CB0219-000
4.30	2.15	S200-3-W2-18-9	CB0220-000
5.95	3.30	S200-4-W2-18-9	CB0221-000
6.90	4.30	S200-5-W2-18-9	CB0222-000

With Pre-Installed MIL-W-22759/87-20-9 Wire

Jacket OD (mm)	Shield (mm)	Product Description	Raychem Part Number
1.90	0.90	S200-1-W2-29-9	CB0213-000
2.65	1.40	S200-2-W2-29-9	CB0214-000
4.30	2.15	S200-3-W2-29-9	CB0215-000
5.95	3.30	S200-4-W2-29-9	CB0216-000
6.90	4.30	S200-5-W2-29-9	CB0217-000

For More Information

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1-1773851-1 ADM/RRD 2.5M 12/2014