

CYG-DS406 HEAT SHRINKABLE BUTT SPLICE CONNECTORS

CYG-DS Heat shrinkable insulation butt splice connectors is Dual Seal heat-shrinkable, environmentally sealed, polyolefin-insulated splices, which can provide one-step sealing for wire to wire splicing solution.

Characteristics

- ◆ Protects splices from water condensation, salt, and corrosion.
- ◆ Provides strain relief Protects against vibration in rugged environments.
- ◆ Completely insulates and protects electrical connections.
- ◆ Has adhesive lining for protection that is more reliable than conventional splices.

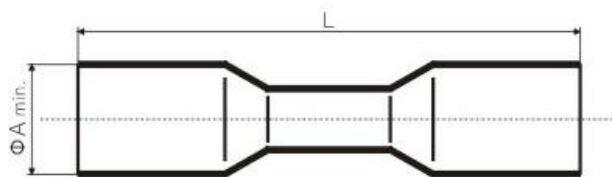
Applications

- ◆ Automotive/truck wiring repair and maintenance.
- ◆ Automotive accessories installation.
- ◆ Marine electronics and Fleet maintenance.
- ◆ Commercial wiring (pumps/pools/spas).
- ◆ Appliances.



Specifications

Item	Specifications
Operating temperature	-55°C~+125°C
Shrink ratio	2:1
Cut-through resistance	31 kg
Flammability	Non flame retardant
Wire pullout after crimping and recovery	Red:11.3 kg , Blue:22.7 kg, Yellow:27.2 kg
Solvent resistance	isopropyl alcohol, trichloroethylene, gasoline, battery acid, diesel fuel, motor oil, antifreeze, brake fluid, 5% salt water
Dielectric	Strength: 2500 V (AC) Insulation resistance: 1000 megohms at 100 V (DC)



Size

Part No.	Butt splice dimensions		Color	Wire size AWG	mm ²	Wire dimensions	
	A Min.	L Nom.				Insulation O.D. (Max.)	Insulation O.D. (Min.)
DS 406-001	3.68	31.75	Red	22~18	0.38~0.95	3.56	1.40
DS 406-002	4.57	31.75	Blue	16~14	1.20~2.50	4.45	2.03
DS 406-003	6.35	38.10	Yellow	12~10	3.00~6.00	6.22	2.79