

## CYG-DS 406 Heat Shrinkable Butt Splice Connectors

CYG-DS are heat-shrinkable, insulating butt splice connectors featuring a deal seal. CYG-DS connectors are environmentally sealed, polyolefin-insulated splices that provide one-step sealing for wire to wire splicing applications.

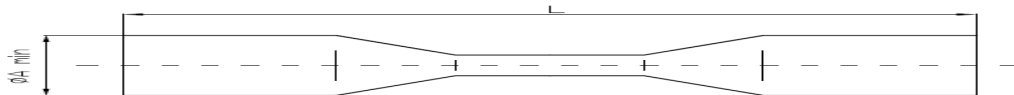


### Characteristics

- 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 in outdoor applications (pumps/pools/spas).
- Appliances



### Technical Data:

Item	Specification
Operating Temperature	55°C to 125°C
Shrink Ratio	4:1
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 )

### Dimensions:

Part No.	Butt Splice Dimensions		Conductor	Wire Dimensions		Color
	A Min.	L Nom.		Insulation O.D. (Min.)	Insulation O.D. (Min.)	
DS406-001	3.68	31.75	22-18	3.56	1.40	Red
DS406-002	4.57	31.75	16-14	4.45	2.03	Blue
DS406-003	6.35	38.10	12-10	6.22	2.79	Yellow