

Cleerline™ HD Splice Cassettes provide an efficient solution for managing fusion-spliced fibers. Each cassette comes preloaded with 6-24 x 900 µm 1 meter long fiber pigtails, eliminating the need for a separate splice tray. Inside the cassette, splice holders and a cable winding area allow cable management and organization.

These splice cassettes are sized to fit within any LGX compatible opening.

Cleerline™ Splice Cassettes have a removable transparent cover to allow easy fiber verification. All cassettes include heat shrink splice protection tubes, removeable splice organizers, and cable management accessories. Splice cassettes are available preloaded in OM3 (multimode), OS2 (single-mode) fibers, and OS2 APC (angled polish connector) configurations.

Cassettes adapters and fibers are color-coded according to TIA standards.



FEATURES AND BENEFITS

- Space-saving design (LGX compatible)
- Transparent housing for easy fiber verification
- Preloaded design with TIA color-coded pigtail
- Pigtail design allows either both ribbon splice and individual fiber splice
- No additional splice trays required
- Cable winding area for fiber management

APPLICATIONS

- Applications where enclosure and protection of splices is desired.
- High density environments, data centers, telecommunications network
- Applications requiring fusion splicing

PART NUMBER	FIBER	CONNECTOR TYPE	FIBERS	INSERTION LOSS	RETURN LOSS	PIGTAIL REFLECTANCE	ACCESSORIES
SHDSC06-MM	OM3	SC	6	Max ≤ 0.3 dB	> 50 dB	RL > 50 dB	Cable Ties / Splice Sleeves
SHDSC12-MM	OM3	SC	12	Max ≤ 0.3 dB	> 50 dB	RL > 50 dB	Cable Ties / Splice Sleeves
SHDLC12-MM	OM3	LC	12	Max ≤ 0.3 dB	> 50 dB	RL > 50 dB	Cable Ties / Splice Sleeves
SHDLC24-MM	OM3	LC	24	Max ≤ 0.3 dB	> 60 dB	RL > 50 dB	Cable Ties / Splice Sleeves
SHDSC06-SM-UPC	OS2	SC	6	Max ≤ 0.3 dB	> 50 dB	RL > 50 dB	Cable Ties / Splice Sleeves
SHDSC12-SM-UPC	OS2	SC	12	Max ≤ 0.3 dB	> 50 dB	RL > 50 dB	Cable Ties / Splice Sleeves
SHDLC12-SM-UPC	OS2	LC	12	Max ≤ 0.3 dB	> 50 dB	RL > 50 dB	Cable Ties / Splice Sleeves
SHDLC24-SM-UPC	OS2	LC	24	Max ≤ 0.3 dB	> 60 dB	RL > 50 dB	Cable Ties / Splice Sleeves
SHDSC06-SM-APC	OS2	SC	6	Max ≤ 0.3 dB	> 50 dB	RL > 50 dB	Cable Ties / Splice Sleeves
SHDSC12-SM-APC	OS2	SC	12	Max ≤ 0.3 dB	> 50 dB	RL > 50 dB	Cable Ties / Splice Sleeves
SHDLC12-SM-APC	OS2	LC	12	Max ≤ 0.3 dB	> 50 dB	RL > 50 dB	Cable Ties / Splice Sleeves
SHDLC24-SM-APC	OS2	LC	24	Max ≤ 0.3 dB	> 60 dB	RL > 50 dB	Cable Ties / Heat Shrink Tubes

OPTICAL SPECIFICATIONS	
Pigtail Return Loss	> 50 dB
Module Insertion Loss	≥ 0.3 dB
Module Return Loss (UPC)	> 50 dB
Module Return Loss (APC)	> 60 dB

TEMPERATURE RANGE	
Operating	-20 °C to 60 °C
Installation & Assembly	-5 °C to 50 °C
Storage Temperature	-25 °C to 70 °C

CASSETTE HARDWARE	
Fibers	6, 12, or 24
Pigtails	6, 12, or 24
Adapter Type Front	LC or SC
Pigtail Type	900 µm, TIA Color-Coded
Included Splice Protectors	12 or 24
Adapter Color	According to Fiber Type
Removable splice holders	2
Cable management	Cable ties & velcro
Cable entry grommet	2

DIMENSIONS	
SHDSC06-MM	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDSC12-MM	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDLC12-MM	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDLC24-MM	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDSC06-SM-UPC	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDSC12-SM-UPC	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDLC12-SM-UPC	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDLC24-SM-UPC	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDSC06-SM-APC	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDSC12-SM-APC	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDLC12-SM-APC	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDLC24-SM-APC	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in

