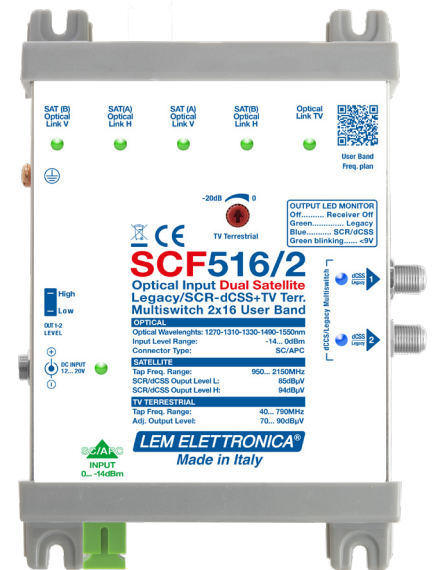


SCF516/2

Two Satellites Fibre Optic Multiswitches 2 outputs

- ✓ Reception of 2 satellites and terrestrial feed
- ✓ Legacy/dSCR - DTT/DAB/FM outputs
- ✓ Output booster for satellite signals
- ✓ Optical link monitor Led
- ✓ A.G.C. for each output
- ✓ Level adjuster for TV terrestrial signal
- ✓ Supplied with power supply



Multi-output dSCR optical converter for distribution of signals from two satellites and terrestrial feed (TV/FM/DAB) over a single-mode optical fibre.

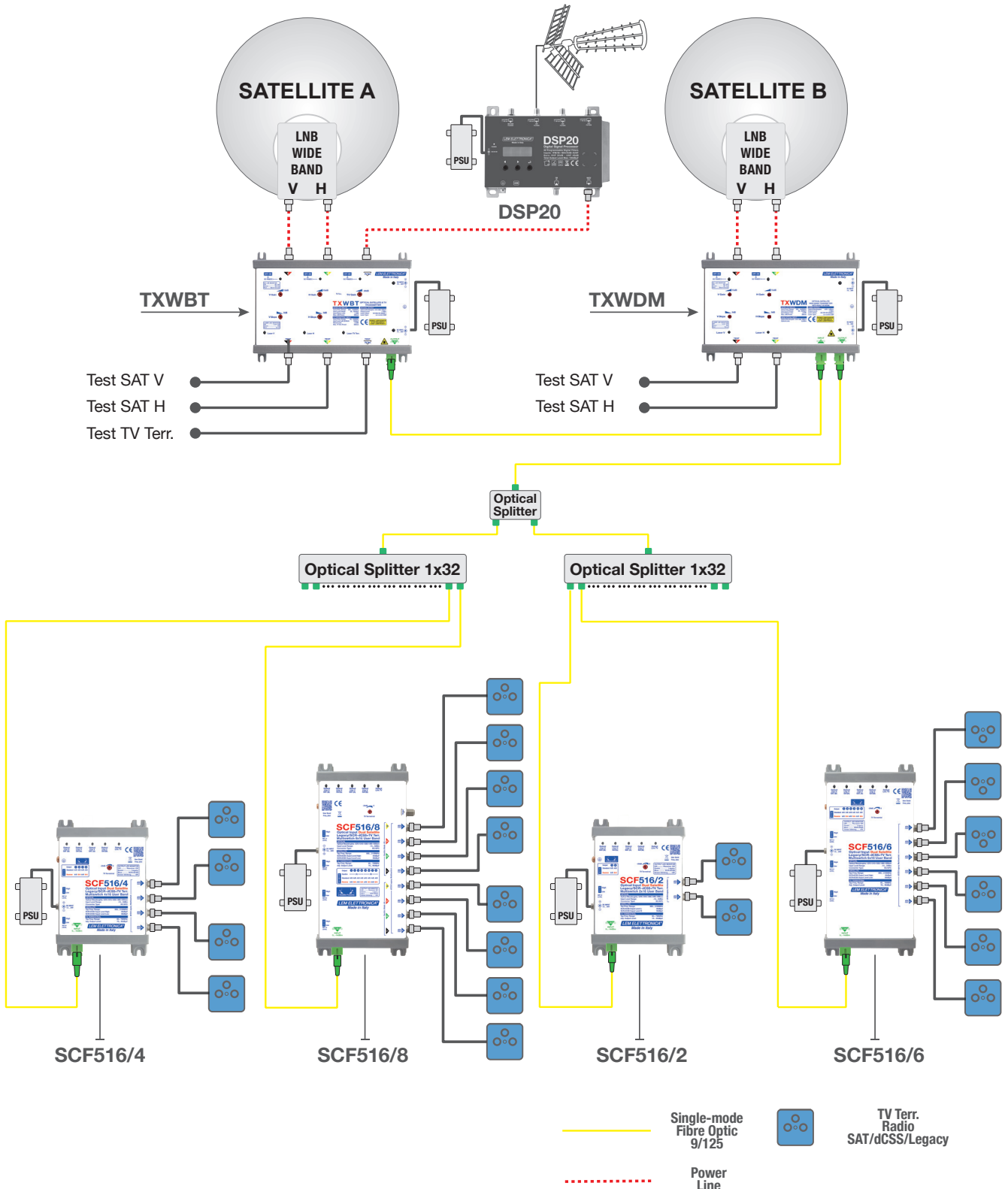


Ready for
UHDTV



MODEL		SCF516/2
OPTICAL INPUT		1
RF OUTPUTS		2
OPTICAL		
OPERATION WAVELENGTHS	nm	1.270 - 1310 - 1330 - 1.490 - 1550
INPUT POWER RANGE	dBm	-14... 0
INPUT CONNECTOR TYPE		SC/APC
RETURN LOSS	dB	≥40
SATELLITE		
OUTPUT BANDWIDTH	MHz	950... 2150
SCR/dCSS OUTPUT LEVEL	dBμV	85 Booster OFF / 94 Booster ON
LEGACY OUTPUT LEVEL	dBμV	75 Booster OFF / 80 Booster ON
SATELLITE CONTROL STANDARDS		Universal LNB Voltage & Tone / DiSEqC 1.0 / DiSEqC 2.0
SCR/dCSS/DSCR PROTOCOLS		EN50494 / EN50607 / SKY UK (AUTO-SWITCH)
AVAILABLE USER BAND FREQUENCY PLANS		SKY ITALIA - SKY UK / DSTV SOUTH AFRICA / POLSAT
TV TERRESTRIAL / FM / DAB		
OUTPUT BANDWIDTH	MHz	40... 790
MAXIMUM OUTPUT LEVEL	dBμV	85
OUTPUT LEVEL ADJUSTABLE RANGE	dB	0... -20
OTHERS		
ISOLATION BETWEEN SATELLITE/TERRESTRIAL	dB	≥ 40
ISOLATION V / H	dB	> 30
OUTPUT RETURN LOSS	dB	> 12
DC INPUT VOLTAGE RANGE	V	12... 20
MAXIMUM CONSUMPTION	W	7
OPERATING TEMPERATURE	°C	0... 50
DIMENSIONS	mm	172x118x38

Connection Diagram



Distribution of two satellite and terrestrial feed (DTT, FM, DAB) over a single-mode optical fibre.

The headends **TXWBT** and **TXWDM** convert and transmit over a single-mode fibre optical cable the terrestrial feeds and all the transponders of two satellite received from two Wide Band LNB. The optical multiswitches of the **SCF516** series receive and converted into RF to be ready for a single or multi-dwelling coaxial distribution. Each **SCF516** series multiswitch output provides terrestrial and satellite signals and fully supports Diseqc controls in legacy and SCR/dCSS standards.