

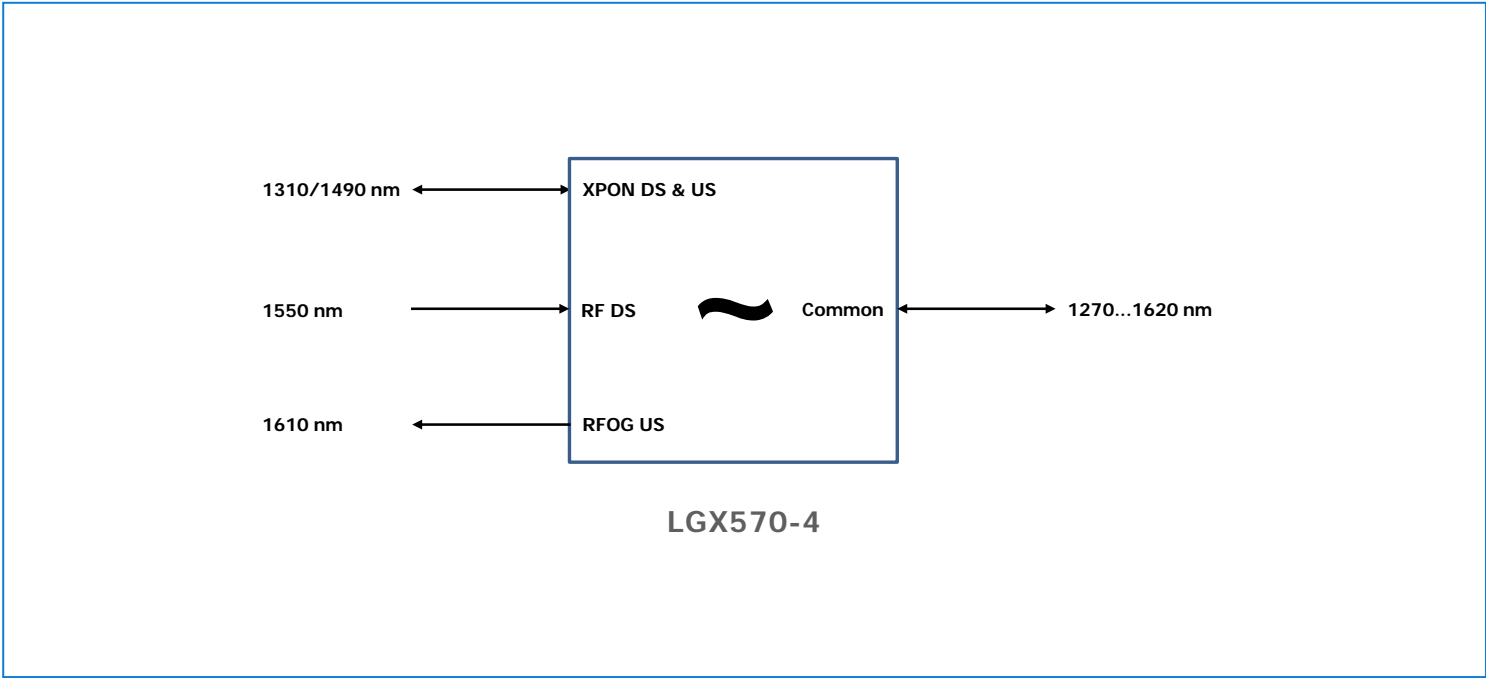
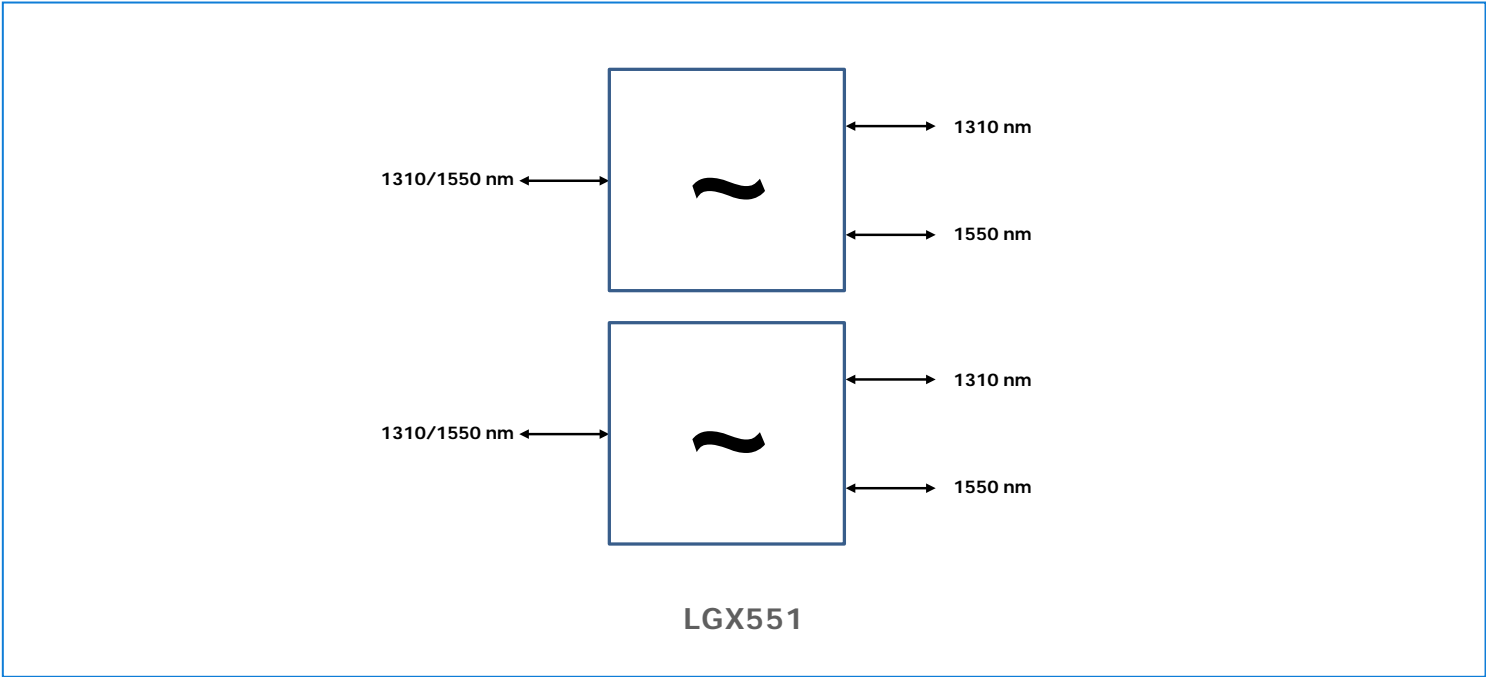


PRODUCT FAMILY	DESCRIPTION
LGX OPTICAL MODULES	LGX WDM MODULES
	<b>FEATURES</b>
	<ul style="list-style-type: none"> <li>&gt;&gt; Excellent isolation</li> <li>&gt;&gt; Field proven full-blown technology</li> <li>&gt;&gt; Low insertion loss over whole temperature range</li> <li>&gt;&gt; High density, two WDM's in one single width module (LGX551)</li> <li>&gt;&gt; Optimized to combine PON data with RFOG upstream and downstream (LGX570-4)</li> <li>&gt;&gt; LGX570-4 works together with widely deployed Teleste residential nodes (RN1160)</li> </ul>

**SPECIFICATIONS**

LGX551 - 2 x WDM 1310 / 1550 nm			
PARAMETER	VALUE	PARAMETER	VALUE
ENCLOSURE	Single width LGX module	OPERATING WAVELENGTH RANGE, 1310 NM PORT	1260...1360 nm
OPERATING WAVELENGTH RANGE, 1550 NM PORT	1460...1620 nm	INSERTION LOSS OF 1310 NM PORT	0.8 dB (max. 1.2 dB)
INSERTION LOSS OF 1550 NM PORT	0.8 dB (max. 1.2 dB)	1310 NM PORT ISOLATION	40 dB
1550 NM PORT ISOLATION	40 dB	DIRECTIVITY	50 dB
RETURN LOSS	45 dB	MAXIMUM OPTICAL POWER	300 mW
NUMBER OF OPTICAL PORTS	6		

LGX570-4 - 4-port WDM FILTER			
PARAMETER	VALUE	PARAMETER	VALUE
ENCLOSURE	Single width LGX module	OPERATING WAVELENGTH RANGE, COMMON PORT	1270...1620 nm
OPERATING WAVELENGTH RANGE, XPON DS AND US PORT	1270...1350 nm and 1480...1500 nm	OPERATING WAVELENGTH RANGE, RF DS PORT	1550...1560 nm
OPERATING WAVELENGTH RANGE, RFOG US PORT	1604...1618 nm	INSERTION LOSS	1.3 dB
ISOLATION	25 dB	DIRECTIVITY	45 dB
RETURN LOSS	45 dB	MAXIMUM OPTICAL POWER	300 mW
NUMBER OF OPTICAL PORTS	4		



**” BUILT TO FIT AND TO INTEROPERATE...**  
 LGX570-4 works together with widely deployed Teleste residential nodes (RN1160).  
 The module is optimized to combine PON data with RFOG upstream and downstream.

GENERAL SPECIFICATION			
PARAMETER	VALUE	PARAMETER	VALUE
OPTICAL CONNECTOR	SC/APC	DIMENSION - SINGLE WIDTH MODULE	130(100) x 160 x 29 mm (h x d x w)
DIMENSION - DOUBLE WIDTH MODULE	130(100) x 160 x 58 mm (h x d x w)	WEIGHT - SINGLE WIDTH MODULE	0.2 kg
WEIGHT - DOUBLE WIDTH MODULE	0.3 kg	TEMP. RANGE	-20...+75 °C
OPERATING RELATIVE HUMIDITY	0...85 %		