

FEATURES:

- Designed for long haul Gigabit Ethernet 5G Base-T, full duplex applications
- Supports 4 pairs of category 5 UTP cable
- Cable interface for isolation and low common mode emissions
- Compliant with IEEE 802.3an standard.
- Recognized By UL 60950-1

YUAN DEAN SCIENTIFIC



LAN Filters

5G SERIES

5G Base-T

24PIN SMD



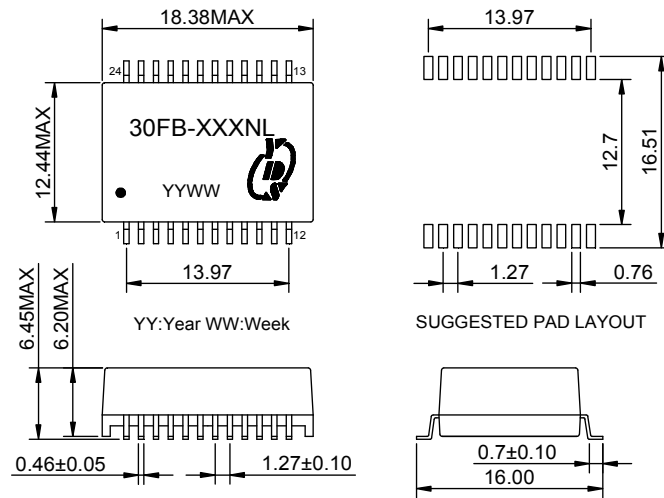
ELECTRICAL SPECIFICATIONS@25°C
Operating temperature 0°C TO 70°C

Part Number	Insertion Loss (dB Max)		Return Loss (dB Min @100 Ω)		DCMR (dB Min)		Crosstalk (dB Min)	Hipot (Vrms Min)
	1-100 MHz	100-250 MHz	1-40 MHz	40-250 MHz	1-30 MHz	30-250 MHz	1-250 MHz	
30FB-2LBNL	-1.0	-2.0	-18	$-16+10\log_{10}(f/40\text{MHz})$	-48	$-44+19.2\log_{10}(f/50\text{MHz})$	$-43.1+20\log_{10}(f/100\text{MHz})$	1500



Markings and Dimensions

30FB(Bottom Potting)



UNIT:mm Unless otherwise specified, all tolerances are ±0.25

Schematics

30FB-2LBNL

