the complexity of hyper speed transceivers
Digital Signal Processor

TRANSMitter

reCEIVER
TRANSMITTER
cooler
optical lenses
optical multiplexer
RECEIVER
optical demultiplexer
optical lenses
PIN diode
amplifier
TRANSMITTER

RECEIVER
TIMING
TEMPERATURE

0°C

Spectrum

+70°C

TEMPERATURE
TEMPERATURE

0°C

Spectrum

Pass

+70°C

TEMPERATURE
FAIL

0°C

TEMPERATURE + TIME

+70°C
production
Digital Signal Processor
Forward Error Correction
unequal # of FEC’s in line
400G LR4 as CWDM4 or LAN-WDM

100G ER4 + ZR4

400G DR4 with SN™ plugs

source: SENKO Advanced Components, SN is a registered trademark of SENKO. Thanks for your support
100G LR
40G DWDM LR
25G DWDM LR
THE FLEXBOX
CREATORS

THOMAS.WEIBLE@FLEXOPTIX.NET

1 revolutionary development
56 flexperts
48322 transceiver compatibilities