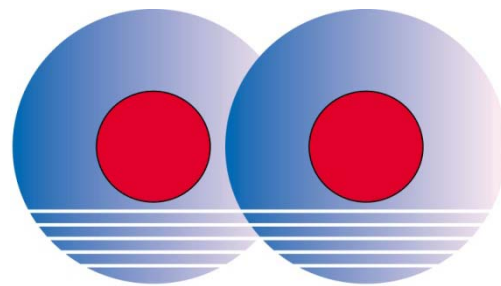


# New PM Product Families Announced



**COMCORE**

# New Technical Breakthrough

## PDL-Insensitive Fused PM Fiber Devices

Operating at both of slow and fast axes

Package Size: 3x54mm~ 3x30mm



# PDL-Insensitive Fused PM Fiber Devices

## Main Performance and Reliability

- Polarization Dependent Loss: <0.1dB (typ. 0.05dB)
- Polarization Extinction Ratio:>18 dB (Typ. 22)
- Operating Temperature: -40 °C to +85 ° C
- Telcordia 1221 Compliance



# 1. 1x2 (2x2) Polarization-Insensitive PM Narrowband TAP (PINT)

PER > 20dB for Through Port



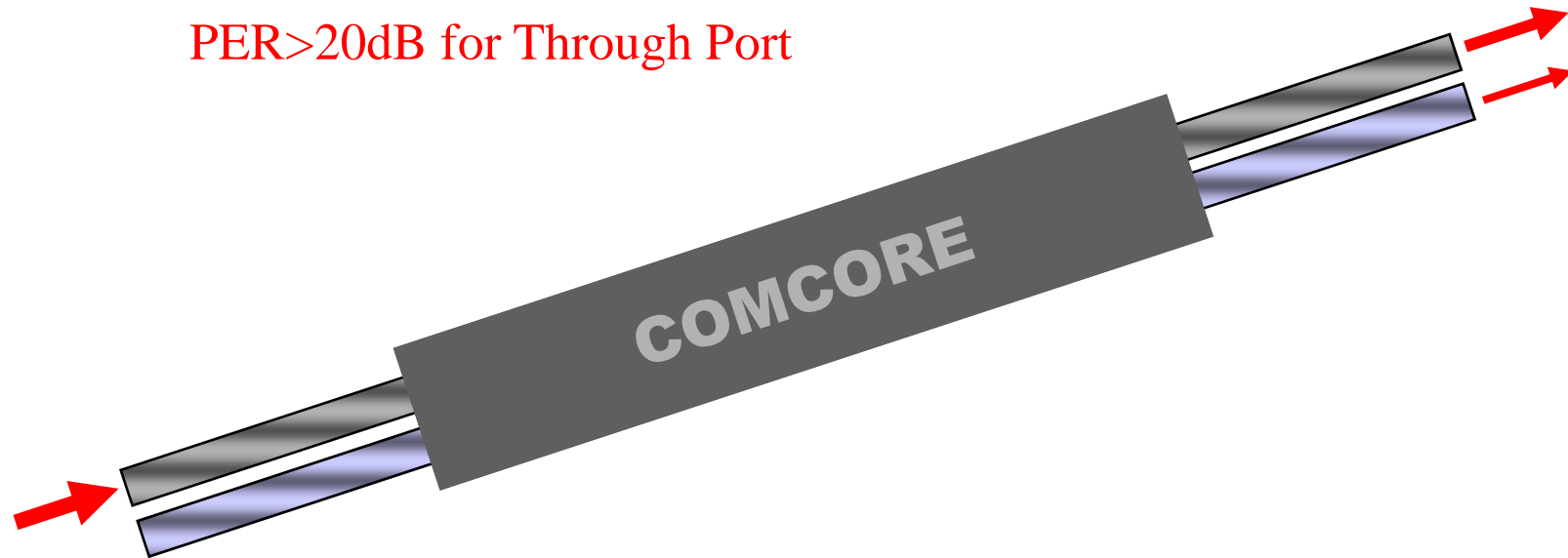
-  Panda PM Fiber
-  Single Mode Fiber

**Tap Ratio: 1 to 20%**



## 2. 1x2 (2x2) Polarization-Insensitive PM Broadband TAP (PIBT)

PER > 20dB for Through Port



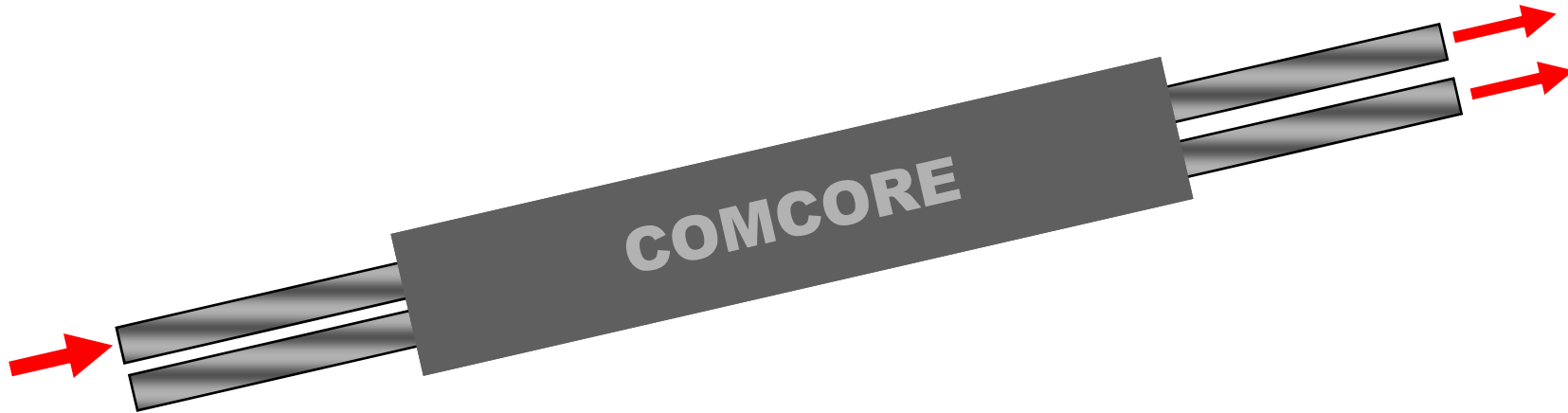
 Panda PM Fiber  
 Single Mode Fiber

**Tap Ratio: 1 to 10%**



### 3. 1x2 (2x2) Polarization-Insensitive PM Narrow Band or Broadband Splitter (PINS, PIBS, PIDS)

PER>18dB



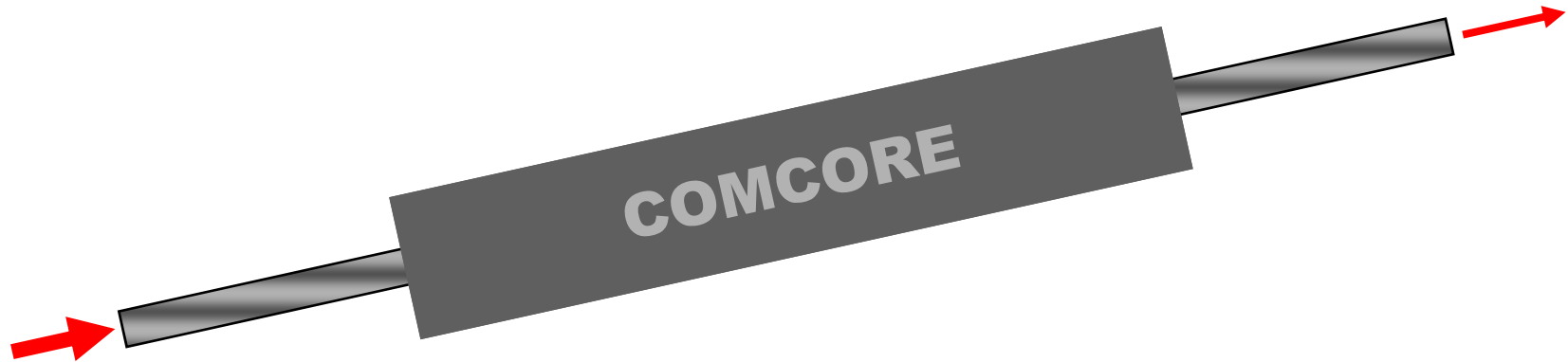
 Panda PM Fiber

**Splitting Ratio: 1 to 50%**



# 4. 1x1 Polarization-Insensitive PM Broadband Attenuator (PINA, PIBA)

PER>20dB



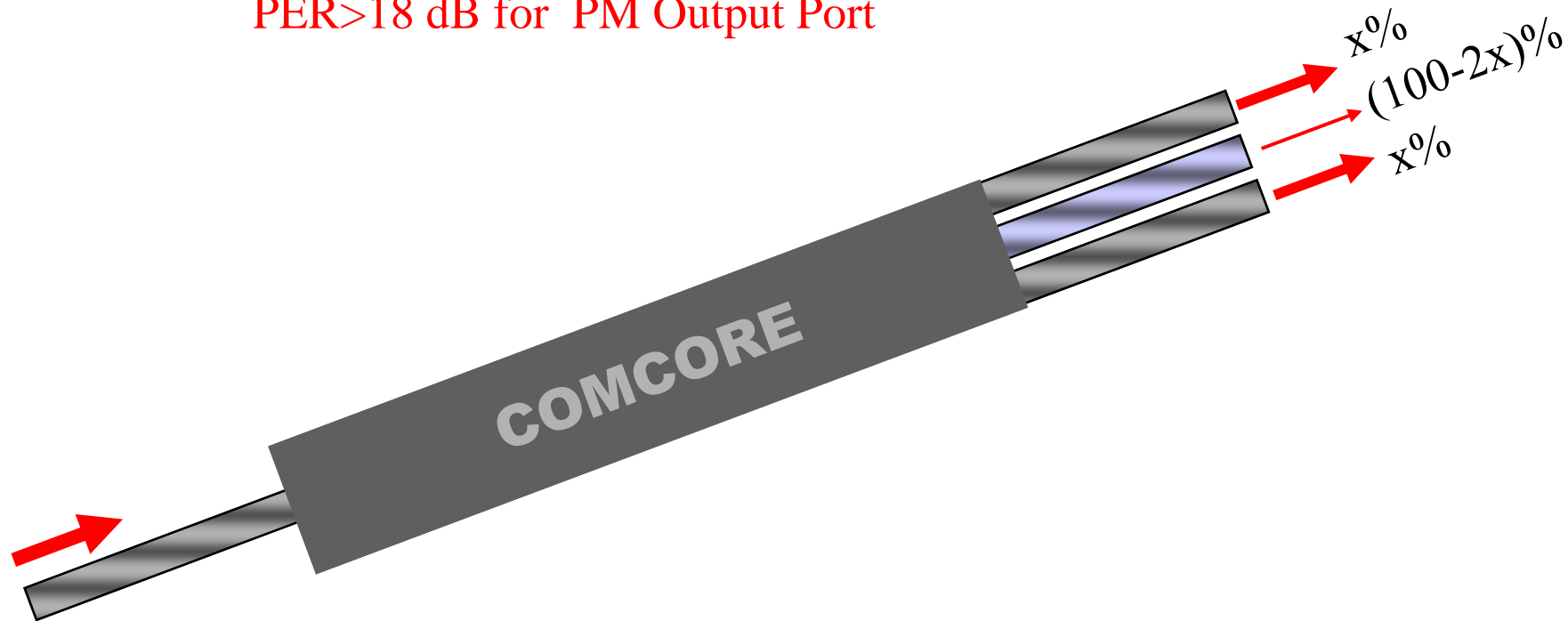
█ Panda PM Fiber

**Attenuation: 1 to 30dB**



# 5. 1x3 1550nm Polarization-Insensitive PM Narrowband Splitter (PINS)

PER > 18 dB for PM Output Port



-  Panda PM Fiber
-  Single Mode Fiber

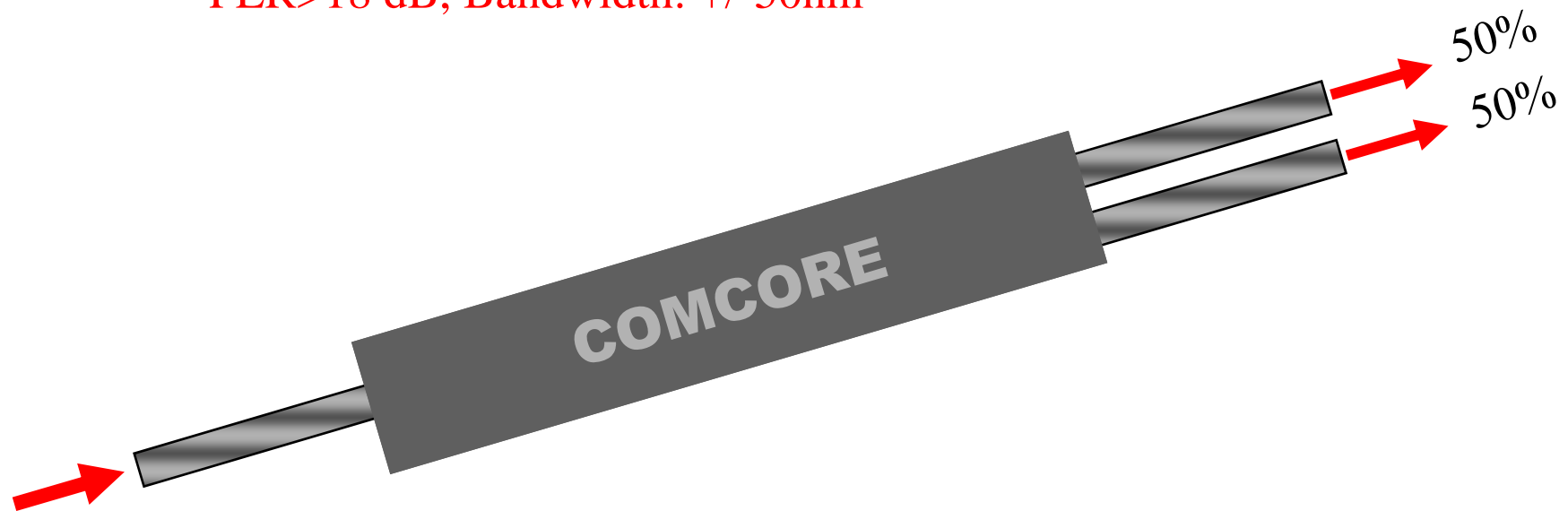
X is between 1 to 49





## 6. 1x2 50:50 Polarization-Insensitive PM Ultra-Broadband Splitter (PIBS)

PER > 18 dB, Bandwidth: +/- 50nm

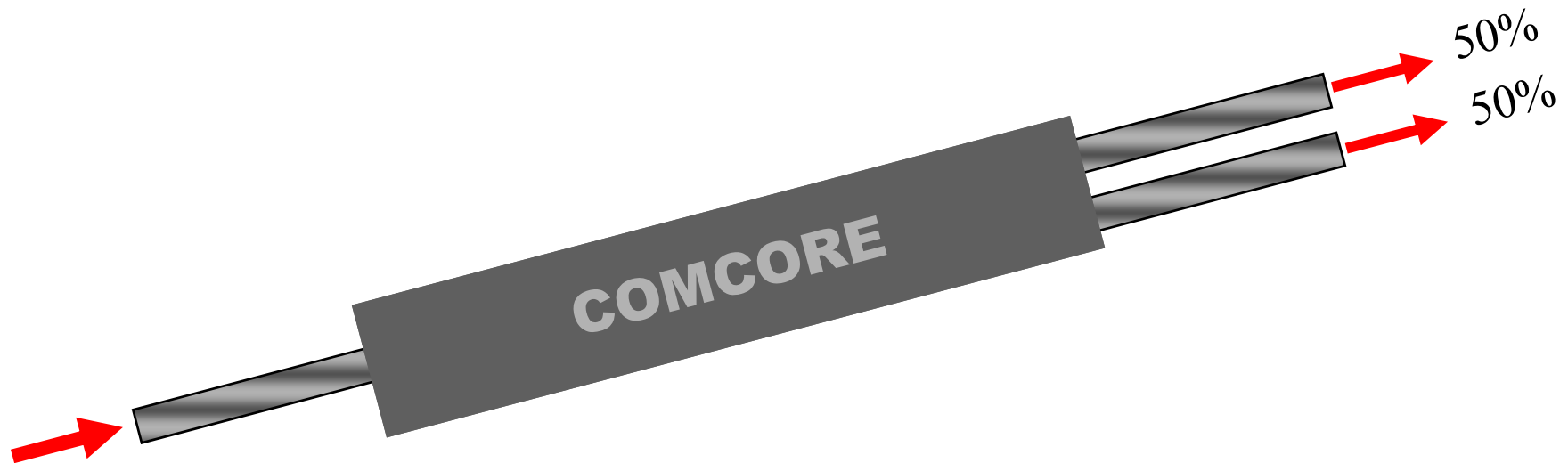


 Panda PM Fiber



# 7. 1x2(2x2) 50:50 Polarization-Insensitive PM Broadband Splitter (PIBS)

PER > 18 dB

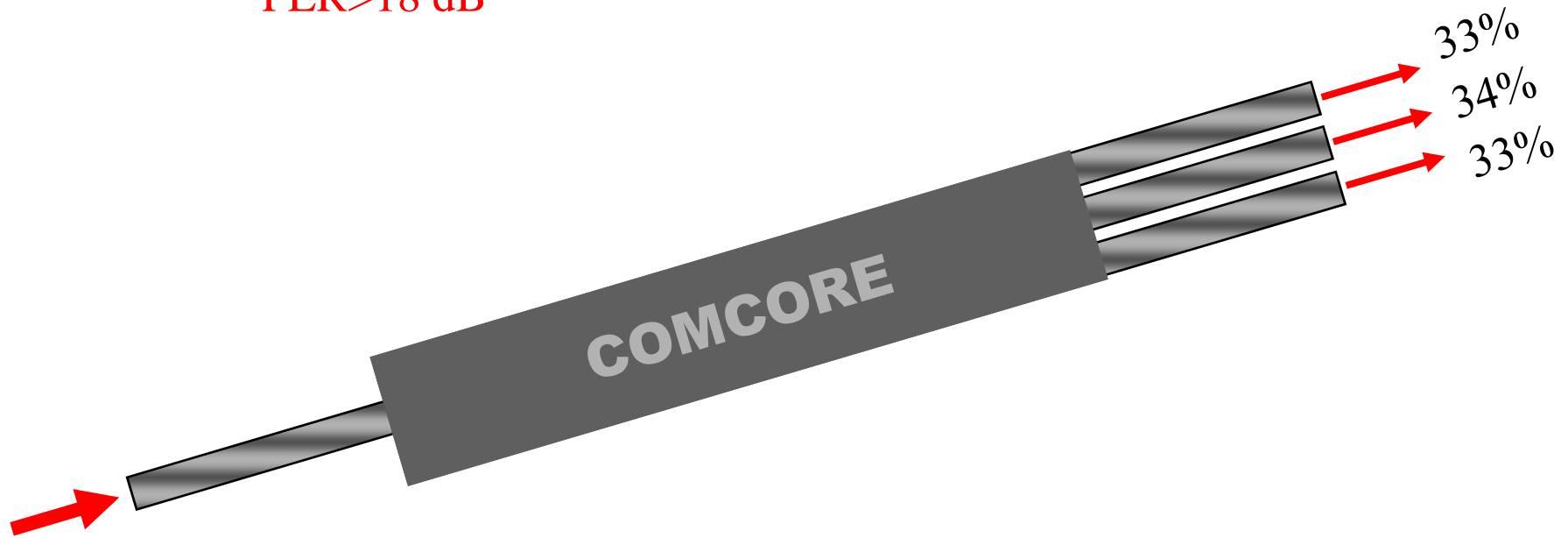


 Panda PM Fiber



# 8. 1x3 Polarization-Insensitive PM Narrowband, Broadband Splitter (PINS, PIBS)

PER > 18 dB

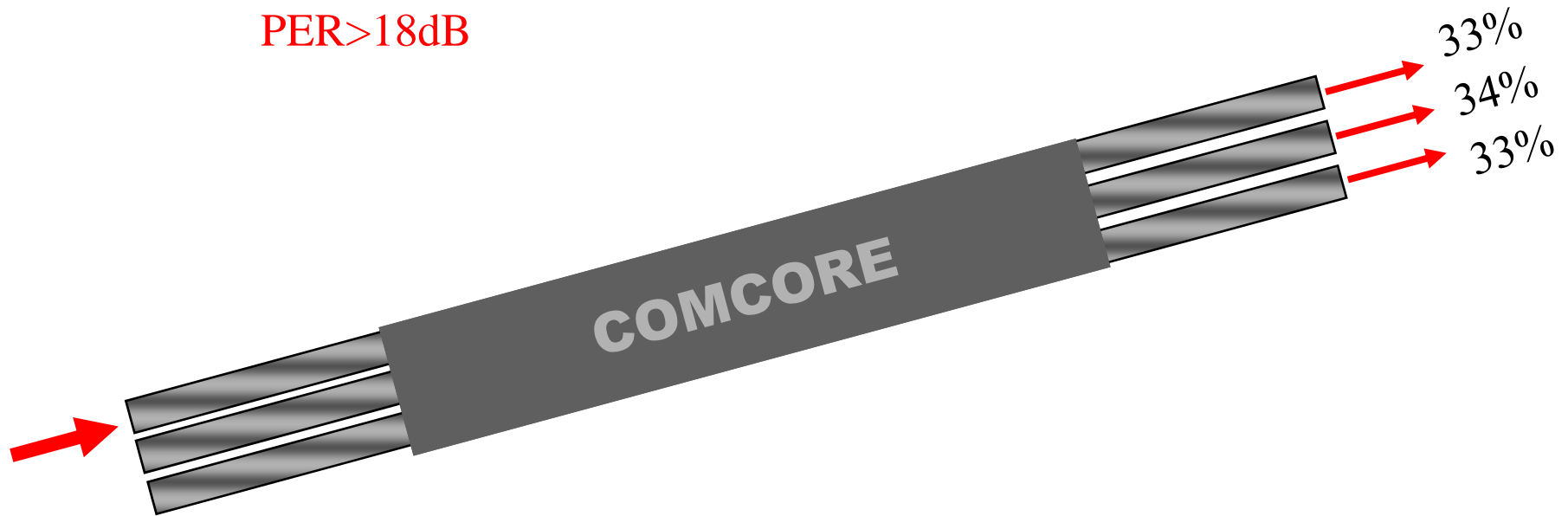


— Panda PM Fiber



# 9. 3x3 Polarization-Insensitive PM Narrowband, Broadband Splitter (PINS, PIBS)

PER > 18dB

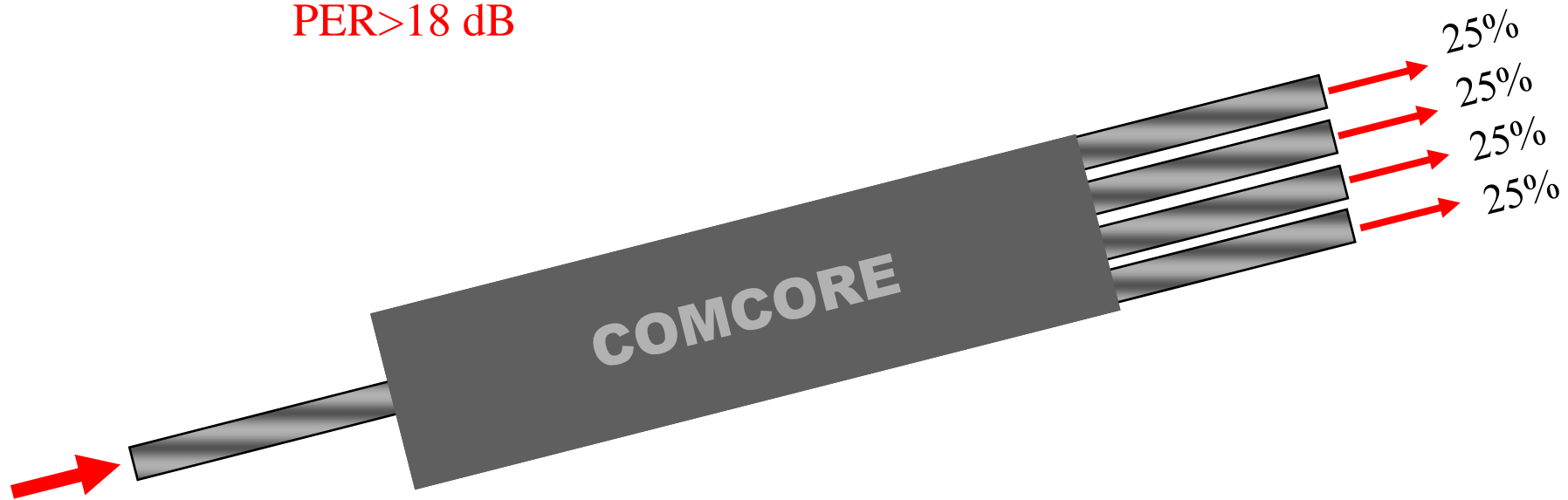


— Panda PM Fiber



# 10. 1x4 Polarization-Insensitive PM Narrowband, Broadband Splitter (PIBS)

PER > 18 dB

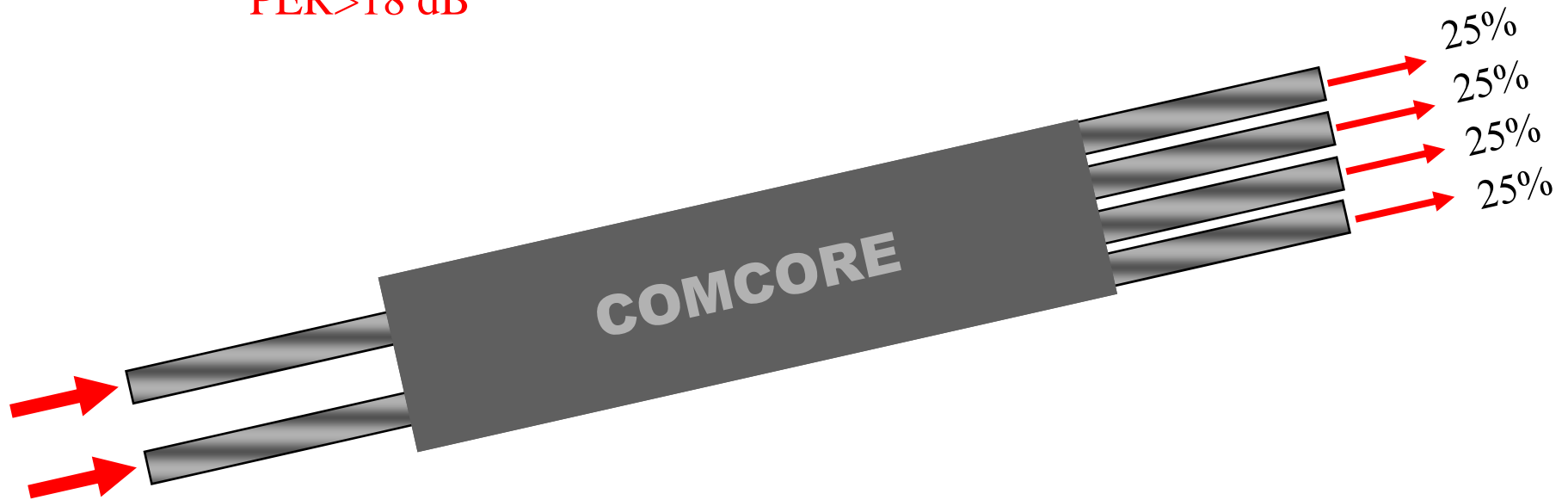


 Panda PM Fiber



# 11. 2x4 Polarization-Insensitive PM Narrowband Splitter (PINS)

PER > 18 dB

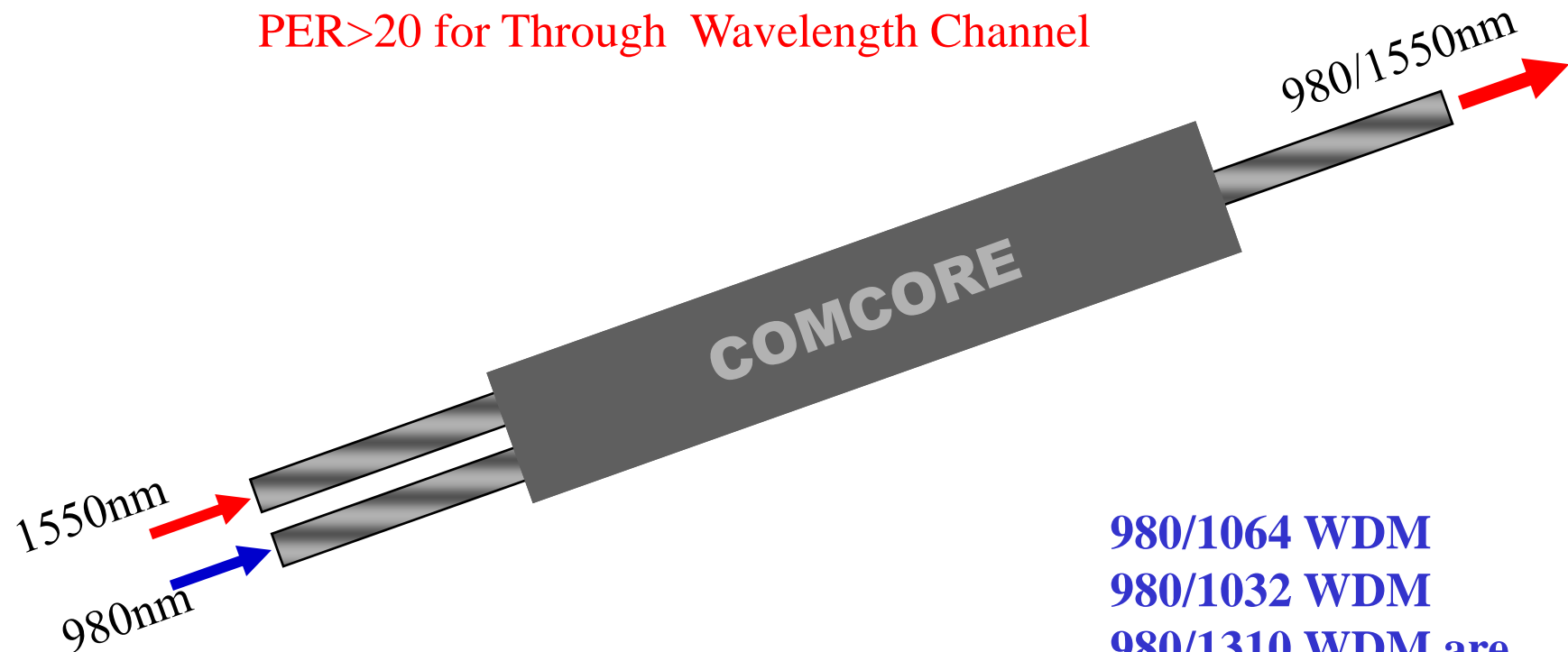


 Panda PM Fiber



## 12. 1x2(2x2) Polarization-Insensitive PM Standard WDM (PISW)

PER>20 for Through Wavelength Channel



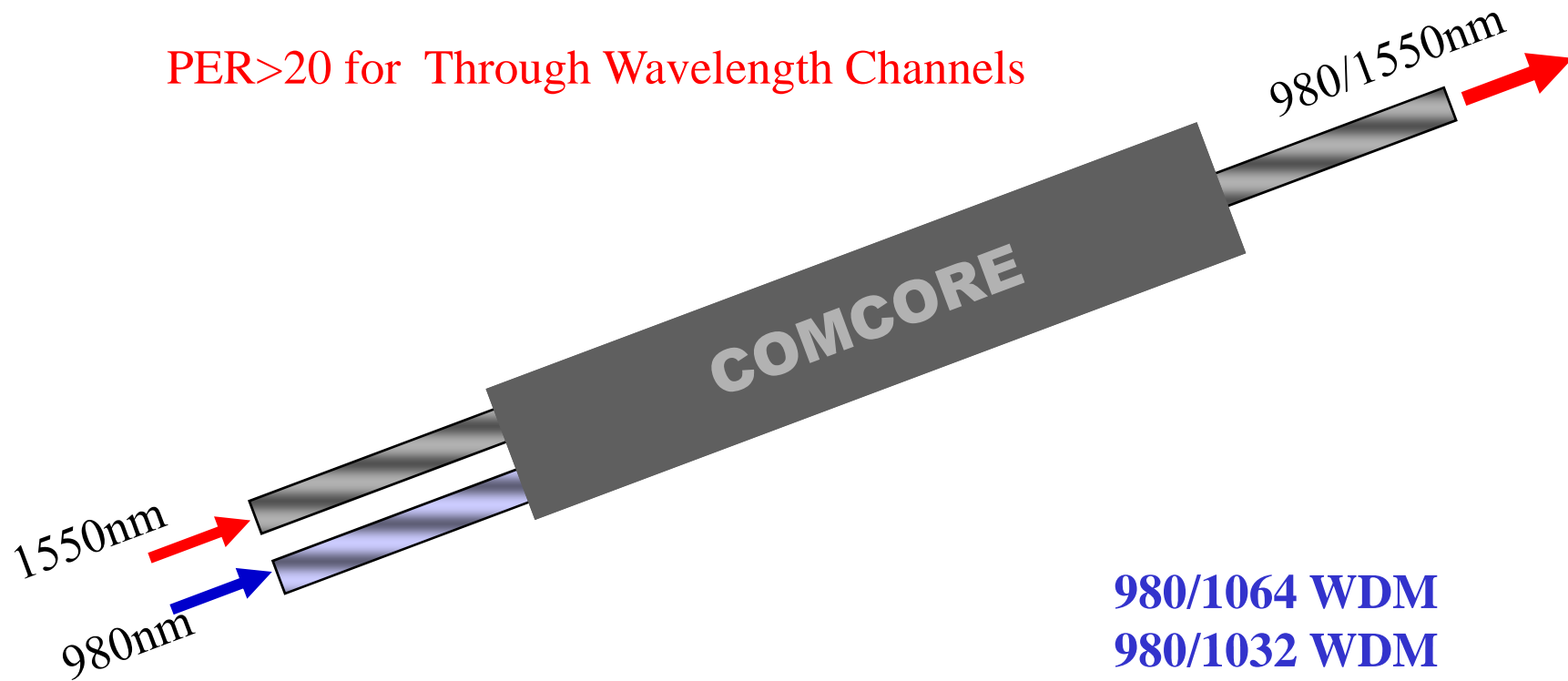
980/1064 WDM  
980/1032 WDM  
980/1310 WDM are  
also available

 980nm Panda PM Fiber



# 13. 2x1 Polarization-Insensitive PM Standard WDM (PISW)

PER>20 for Through Wavelength Channels



-  980nm Panda PM Fiber
-  980nm Single Mode Fiber

980/1064 WDM  
980/1032 WDM  
980/1310 WDM are  
also available





# Polarization-Independent Product Summary

Configuration	PINS/PINT	PIBS/PIBT	PIDS/PIDT	WDM
1x2	X	X	X	X
2x2	X	X	X	X
1x3	X	X	X	N/A
3x3	X			N/A
1x4		X	X	N/A
1x5	X			N/A
2x4		X		N/A
1x1	X	X	X	N/A



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