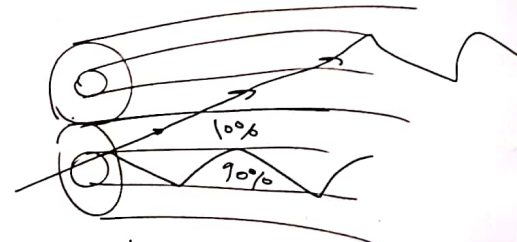


Technical specifications
of "Emona Fotex kit"

Connector → single way
"dnp" dry non-polish system
fiber cable → polymer, sheathed in polyethylene
→ patch → 6 short 50cm
→ long 100cm
→ 2 connectors



IR range (1300 nm → 1700 nm)

Visible (400 nm → 700 nm)

Red → $\lambda = 660 \text{ nm}$
Green → $\lambda = 530 \text{ nm}$
for SMF standard
→ $d = (8 \rightarrow 12) \mu\text{m}$

Fiber losses	
at $\lambda = 650 \text{ nm}$	at $\lambda = 820 \text{ nm}$
$L = 200 \text{ dB/km}$	$L = 1500 \text{ dB/km}$

Min Bend radius = 100 mm

Coupler → splitting
→ combining



Back Reflection path → 2 dB
A → B, C → D
B → A, D → C

Strong Path	Weak Path
A → D D → A	A → C C → A
B → C C → B	B → D D → B

WDM Filter
Red (Pass band) 6 dB
Green 7 dB

for other wavelength
→ 18 dB stop band