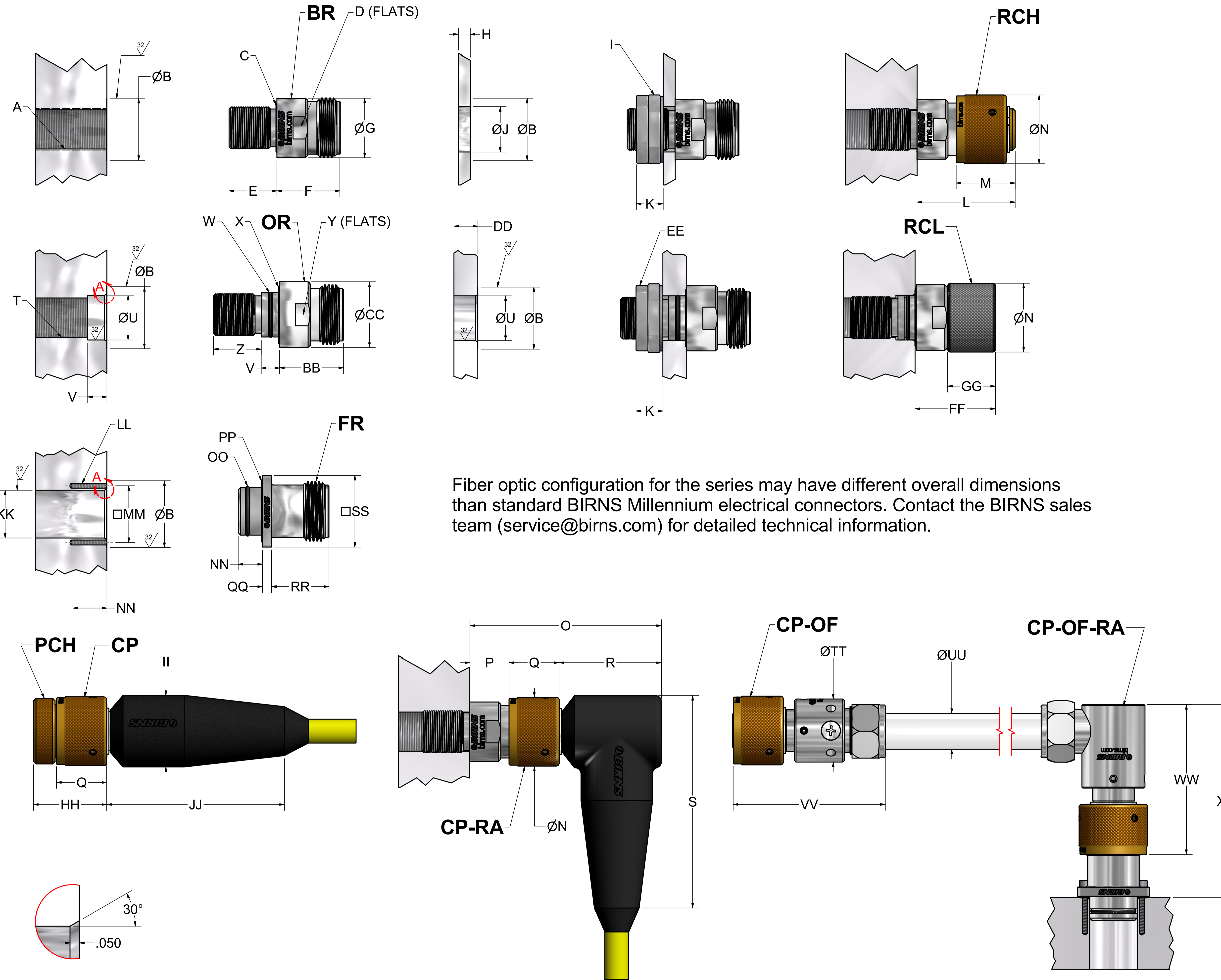


# Millennium 3T Dimensions



Fiber optic configuration for the series may have different overall dimensions than standard BIRNS Millennium electrical connectors. Contact the BIRNS sales team ([service@birns.com](mailto:service@birns.com)) for detailed technical information.

Callout	Description	3T
A	BR Mounting Thread	2-16 UN-2B
B	O-Ring Spot Face	2.38
C	BR Face O-Ring	2-034
D	BR Wrench Flats	
E	BR Thread Length	1
F	BR Body Height	1.34
G	BR Body Diameter	2.5
H	BR Vessel Thickness, Drilled	.44 max
I	BR Nut/Washer Assy P/N	
J	BR Drilled Hole Diameter	2.02
K	BR/OR Nut and Washer Height	0.56
L	BR/RCH Combined Height	2.04
M	RCH Height	1.28
N	Engaging Nut Diameter	2.63
O	BR/CP-RA Combined Height	3.52
P	CP to Face Distance, on BR	0.59
Q	Engaging Nut Height	1.03
R	RA Overmold Height	1.9
S	RA Overmold Length	5.79
T	OR Mounting Thread	2-16 UN-2B
U	OR Shaft Seal Diameter	2.000 +.002/-.000
V	OR Shaft Seal Depth	0.4
W	OR Shaft Seal O-Ring	2-032
X	OR Face Seal O-Ring	2-034
Y	OR Wrench Flats	
Z	OR Thread Length	1.03
BB	OR Body Height	1.37
CC	OR Body Diameter	2.5
DD	OR Vessel Thickness, Drilled	.82 max
EE	OR Nut/Washer Assy P/N	
FF	OR/RCL Combined Height	1.75
GG	RCL Height	1.06
HH	Engaging Nut/PCH Comb. Height	1.74
II	Straight Overmold Diameter	
JJ	Straight Overmold Length	
KK	FR Shaft Seal Diameter	2.000 +.002/-.000
LL	FR Mounting Screw Size	1/4
MM	FR Mounting Screw Pattern	2.086
NN	FR Shaft Seal Depth	0.5
OO	FR Shaft Seal O-Ring	2-032
PP	FR Face Seal O-Ring	2-034
QQ	FR Flange Thickness	0.3
RR	FR Body Height	1.24
SS	FR Flange Dimension	2.62
TT	CP-OF Body Diameter	
UU	Oil-Filled Tubing Diameter	
VV	CP-OF Overall Length	
WW	CP-OF-RA Height	
XX	FR/CP-OF-RA Clearance Height	

**DETAIL A**  
TYPICAL O-RING  
LEAD IN

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