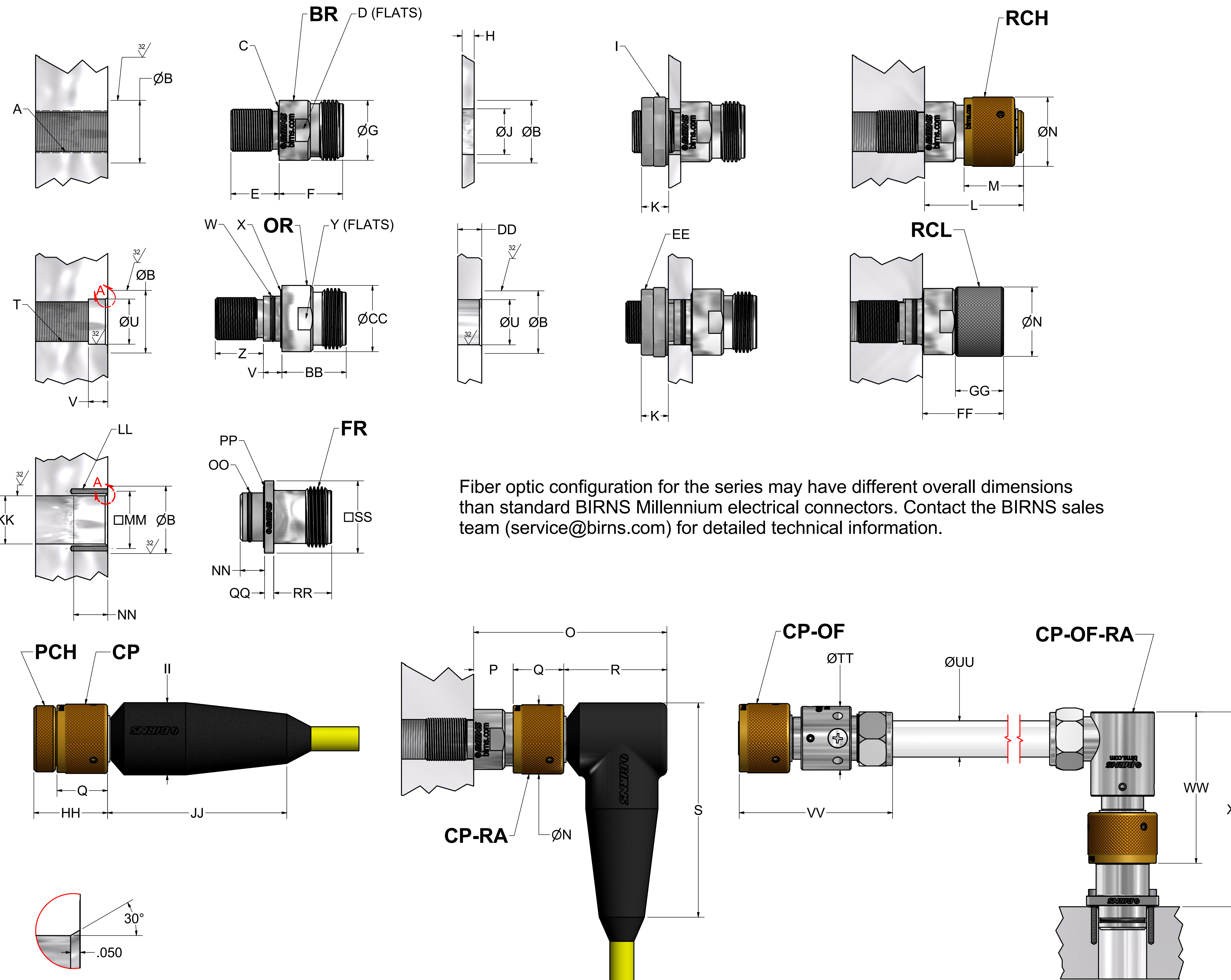




# Millennium 30 Dimensions



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	30
A	BR Mounting Thread	1 1/8-16 UN-2B
B	O-Ring Spot Face	1.5
C	BR Face O-Ring	2-026
D	BR Wrench Flats	1 1/2
E	BR Thread Length	1
F	BR Body Height	1.33
G	BR Body Diameter	1.62
H	BR Vessel Thickness, Drilled	.44 max
I	BR Nut/Washer Assy P/N	241-350
J	BR Drilled Hole Diameter	1.14
K	BR/OR Nut and Washer Height	0.56
L	BR/RCH Combined Height	2.34
M	RCH Height	1.24
N	Engaging Nut Diameter	1.69
O	BR/CP-RA Combined Height	3.66
P	CP to Face Distance, on BR	0.79
Q	Engaging Nut Height	1.05
R	RA Overmold Height	1.82
S	RA Overmold Length	4.5
T	OR Mounting Thread	1 1/16-20 UNEF-2B
U	OR Shaft Seal Diameter	1.125 +.002/- .000
V	OR Shaft Seal Depth	0.43
W	OR Shaft Seal O-Ring	2-022
X	OR Face Seal O-Ring	2-026
Y	OR Wrench Flats	1.5
Z	OR Thread Length	1
BB	OR Body Height	1.32
CC	OR Body Diameter	1.63
DD	OR Vessel Thickness, Drilled	.82 max
EE	OR Nut/Washer Assy P/N	241-113
FF	OR/RCL Combined Height	1.72
GG	RCL Height	1
HH	Engaging Nut/PCH Comb. Height	1.51
II	Straight Overmold Diameter	1.63
JJ	Straight Overmold Length	4.43
KK	FR Shaft Seal Diameter	1.000 +.002/- .000
LL	FR Mounting Screw Size	#10
MM	FR Mounting Screw Pattern	1.446
NN	FR Shaft Seal Depth	0.6
OO	FR Shaft Seal O-Ring	2-020
PP	FR Face Seal O-Ring	2-024
QQ	FR Flange Thickness	0.2
RR	FR Body Height	1.2
SS	FR Flange Dimension	1.75
TT	CP-OF Body Diameter	1.5
UU	Oil-Filled Tubing Diameter	1
VV	CP-OF Overall Length	3.54
WW	CP-OF-RA Height	3.42
XX	FR/CP-OF-RA Clearance Height	4.28

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

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